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CANADA'S
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SIMMERS' ANNUAL SEED

CATALOGUE
TORONTO.



SIMMERS
SPECIAL STRAIN
LARGE FLOWERING PHLOX
PKT. 15¢. 2 PKTS. 25¢.

SIMMERS' PREMIER MIXTURE
TALL NASTURTIUM
PKT. 10¢. OUNCE 20¢.
2 oz. 35¢ 1/4 lb. 60¢

FLORAL COLLECTION

Painted from Nature.

Simmers' "Toronto Parks" Lawn Grass Seed

is the Best for our Canadian Climate. With it you can make LAWNS, GRASS PLOTS, ORIOKET GROUNDS, GOLF LINKS, TENNIS COURTS, ETC. As soft as velvet and as green as emerald all summer long. Price 25c per pound, postpaid 30c per pound.

Simmers' "Toronto Parks" Grass Seed will form a close, thick turf in a few weeks' time, with no tendency to stool or grow in clumps. It roots deeply and withstands severe droughts without turning brown, maintaining its beautiful deep green color throughout the season. We have made the formation of permanent lawns a study for years, and the finest lawns in this country to-day were obtained by using our "Toronto Parks" Lawn Grass Seed, which is composed of various grasses that grow and flourish during different months of the year, so that a rich, deep green velvety lawn is constantly maintained, rivaling the famous laws of Old England.

If people only knew how comparatively easy it is to make a lawn with our "Toronto Parks" Lawn Grass Seed, the days of using sod, with all the attendant expense, would soon be over.

The quantity required for making new lawns is 80 to 100 lbs per acre, or for renovating old lawns, 30 to 50 lbs. For a plot 15x20, or 300 square feet, 1 lb is required for new, or ½ lb for renovating old lawns. We furnish it in large or small quantities to suit the pretentious lawn or the modest dooryard plot.

A beautiful lawn, with its close, velvety turf, is a most essential feature in the adornment of all suburban homes—without it the finest flowering plants and bedding seem insignificant, while with it, handsome grounds are assured, even with no other adornment.

TORONTO PARKS MIXTURE, Finest Quality (with or without White Clover)—Per lb 25c, postpaid 30c; 5 lbs \$1.15, 10 lbs \$2.20, 25 lbs \$5.25, 50 lbs \$10.00, 100 lbs \$20.00 (Carriage extra.)

White Dutch Clover, for mixing with Lawn Grass Seed—per lb 80c; postpaid 85c.

"SHADY NOOK" MIXTURE—For sowing under trees and in shady places. It will not only grow in such places, but forms a fine sward where few other grasses can exist. Sow 40 lbs per acre. Per lb 35c, postpaid 40c.

"GOLF LINKS" GRASS SEED.—The mixture we offer is comprised of such varieties of grasses as will thrive here, and such as have given general satisfaction on many golf courses. Lb 25c, 10 lb 2.20, 100 lb \$20.00.

BLUE GRASS, for Lawns, Extra Clean—Per lb 15c, 20c postpaid; 10 lbs \$1.40.

RED TOP, for Lawns, Extra Clean—Per lb 15c, 20c postpaid, 5 lbs 70c, 10 lbs \$1.40.

Simmers' Lawn Enricher—10 lb sufficient for 300 square feet. This Dressing is so prepared that it acts gradually through the season, producing a luxuriant growth of grass without weeds, which are always produced when manure is used. 5 lbs 40c, 10 lbs 65c, 25 lbs \$1.25, 100 lbs \$4.00.

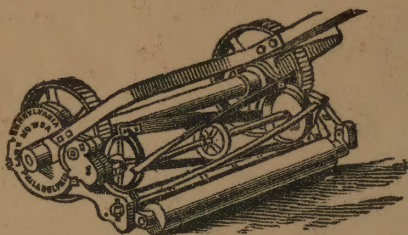


The Pennsylvania Hand Lawn Mowers

The Latest Improved, Easiest Running and Hand-somest Mowers Made. Circulars on application.

In buying the Pennsylvania you have satisfaction in knowing you have a Lawn Mower that will do double the work each season with less repair, and have a Lawn Mower for future use when others are consigned to the old iron pile.

Each machine is warranted to work as represented.



The Pennsylvania Low Wheel Lawn Mower

10 inch, 8 inch wheel.....	\$8 50	16 inch, 8 inch wheel.....	\$11 00
12 " " ".....	9 00	18 " " ".....	18 00
14 " " ".....	10 00		

The Pennsylvania High Wheel Lawn Mower

15 inch, 10½ inch wheel.....	\$14 00	19 inch, 10½ inch wheel.....	\$18 00
17 " " ".....	16 00	21 " " ".....	21 00

Pennsylvania Junior

This High Wheel Mower, with the ball-bearing feature, suggests great power. In high and tangled grass, the least amount of exertion is required. On uneven ground its machine cuts the grass smoothly and uniformly.

Five knife cylinder, 10 inch wheel—15 inch, \$15; 17 inch, \$17.00; 19 inch, \$19.00; 21 inch, \$22.00.

Pennsylvania Golf Lawn Mower

The Pennsylvania Golf Lawn Mower has extra strengthened open cylinder, six cast-steel hardened and tempered cutting knives, double train of gears, solid cast-steel bed knife, and will cut the thickest lawns without ridges to within ¾ of an inch of the ground. Special circular, giving the advantages, furnished upon application.

Low wheel, 8 in.		High Wheel, 10 in.	
14 inch.....	\$14 00	17 inch.....	\$19 00
16 ".....	16 00	19 ".....	21 00
18 ".....	18 00	21 ".....	24 00

Pennsylvania Horse Lawn Mower

Thirty-inch, 4 knives (open cylinder) with handles and draft irons; width of cut, 30 inches; weight complete, 396 pounds, \$90.00. 38-inch, 4 knives, open cylinder, with handles and draft irons, width of cut 38 inches, weight 440 lbs, \$120.00. 38-inch, six knives, for golf grounds, \$125.00, weight 120 lbs.

Extra for shafts, seat, spring and footboard on above Horse Mowers, \$20.00.

Braun Grass Catcher

Adjustable to Pennsylvania Mowers only. For 14, 15, 16, 17, 18 inch mowers, each \$2.50. For 19 and 21 inch mowers, \$2.75. When ordering, mention size of mower.

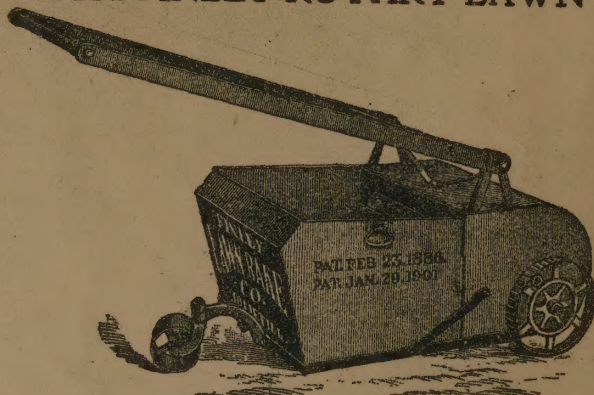
Canadian Lawn Mowers

10½ inch High Wheel (four blades)—12 inch, \$4.25; 14 inch, \$4.50; 16 inch, \$5.00; 18 inch, \$5.25.
9 inch Open Wheel (three blades)—12 inch, \$3.25; 14 inch, \$3.50; 16 inch, \$3.75.

Champion Lawn Mower Sharpener

Price, each \$1.00. Circular on application.

THE FINLEY ROTARY LAWN RAKE



A new device for cleaning a lawn, is intended to follow the lawn mower. Gathers up all the short and long clippings, as well as loose litter of any character, such as twigs, leaves, straw, bits of paper, string, small stones and any such matter as is offensive to the eye. It can be easily adjusted so as to straighten

up crab grass or weeds so that they may be clipped off by the lawn mower on a second trip, and thereby prevent their seeding. In the fall of the year it is unequalled for gathering the autumn leaves and other litter of the season. It can be easily adjusted to perform any kind of work through the whole season. It is well and substantially built of steel and cast iron; with fair care ought to last many years. Two-thirds or more of the time required to do the same work by hand can be saved.

Price, 20-inch rake, \$15.00; 14-inch rake, \$13.00.

A NEW WHITE OAT

SEED
OATS

... THE ...
COMING
... OAT ...

THE LAST
AND BEST
OF MANY
NEW VARIETIES

Sheffield Standard

WE have secured from the originator, his entire crop of seed of this valuable new oat, and offer it for sale for the first time. He has written us that he has never seen its equal, and that it is, without doubt, the heaviest cropping and handsomest oat ever introduced. Such words from an experienced and successful introducer of New Seed Oats is certainly a great recommendation. He says further: "This New White Oat has done remarkably well in Canada ever since I began to grow it."

The following are a few of its points of excellence: It is very early, and has shown itself proof against Rust and Smut. Its good results as a yielder—80 to 100 bushels per acre—weight of grain, 40 to 45 pounds per measured bushel. Further, the stem is stiff and strong, the grain is large and the hull very thin.

The field photograph herewith represents our crop while being harvested, and after threshing and cleaning for seed the yield was 90 bushels per acre of large, plump, handsome meaty, white grain, weighing 44 lbs. to the bushel. This can be partly attributed to the fact that in many cases the spikes or breast will contain three full kernels where other oats give but two. The straw is very strong and does not lodge even when others with less weight of grain in the head go down. The blade is nearly double the size of that of ordinary oats, which in the best evidence of its inherent vigor.

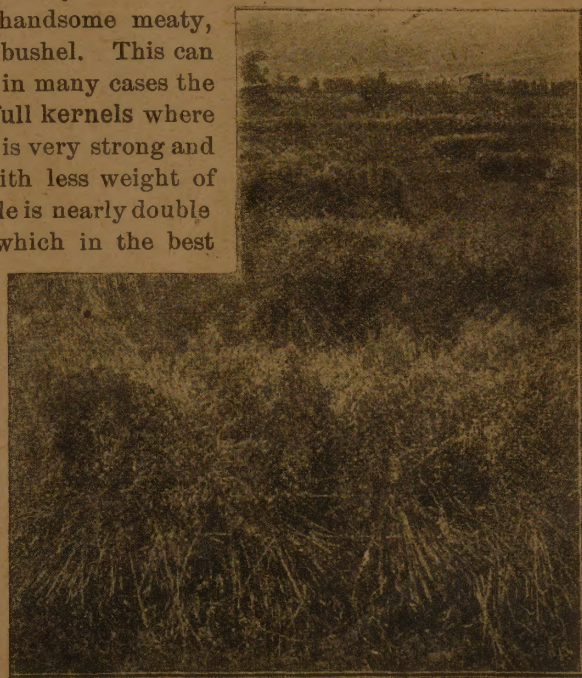
This new oat is remarkable for its heavy stooling property, and for this reason 6 pecks (1½ bushels) is sufficient to seed an acre.

.. PRICE ..

Lb., 20c.	3 lbs., 50c., postpaid.	
Peck,	\$0 50	} BY EXPRESS OR FREIGHT.
Bushel,	1 50	
2 "	2 80	
5 "	6 75	

COTTON BAGS INCLUDED.

"Sheffield Standard" Oat



Scene of Field of Oats

Please Introduce Our Catalogue Among Your Friends. - Having gone to great expense in issuing this illustrated and descriptive catalogue, and considering that we **MAIL IT FREE OF CHARGE**, we trust that our Friends and Customers will see that it is placed where it may be serviceable and remunerative to us, kindly recommending our firm, for which we shall feel extremely thankful. Those who receive our Catalogue from year to year, and who have no use for it, would confer a great favor by advising us of same, and by returning, if possible, the name of some one to whom it would be of benefit.

Having gone to great expense in issuing this illustrated and descriptive catalogue, and considering that we need where it may be serviceable and remunerative to us, we offer our Catalogue from year to year, and who have no use for it, of some one to whom it would be of benefit.

J. A. SIMMERS, TORONTO, CANADA.

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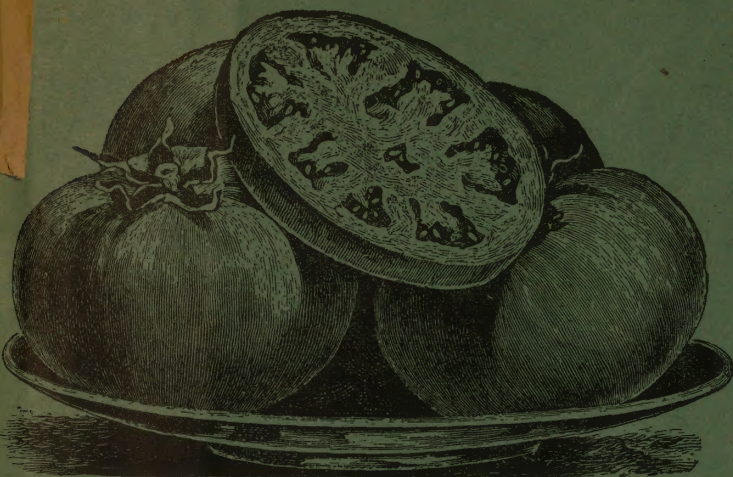
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NEW CUSTOMERS

NEW CUSTOMERS As this Catalogue will reach many who have never had our Seeds, we would urge such to send a **TRIAL ORDER**, no matter how small, and although you may be satisfied with seeds bought elsewhere, we believe our **SPECIAL STRAINS** of many of the newer varieties will make them as profitable to you as they have been to thousands of others who are now regular customers. **ORDERS BY MAIL A SPECIALTY**

J. A. SIMMERS' Novelties and Specialties In Vegetable Seeds

1903



SIMMERS' EARLIEST TOMATO

Simmers' Earliest Tomato

Earliest Tomato Ever Grown

Smooth and round,
brilliant scarlet.

Remarkably prolific and
CONTINUOUS bearer.

The best EXTRA EARLY tomato in existence (5 days earlier than Atlantic Prize) and unqualifiedly superior in other respects. Its value lies not only in the actual time of ripening its first fruit, but that such enormous quantities of fruit can be gathered while all other so-called "Earliest" are ripening only a few. The fruits are of good size, perfectly round and remarkably handsome, smooth as glass and of brilliant scarlet. The flesh is remarkably solid, having but few seeds. The flavor is perfect, absolutely free from any acidity. The fruits are borne in large clusters, in phenomenal abundance. We highly recommend it, not only for its extreme and bountiful earliness, but as a good, all-season variety. It is especially suitable for growing under glass. See cut.

Pkt 15c, 2 pkts 25c.

The Grand New Tomato—"FROGMORE SELECT"

This is a magnificent new scarlet-fruited Tomato of finest quality, handsome appearance, medium large size, and immense productiveness. The vines are of vigorous growth and abundant foliage. The fruits, set in clusters, are very even and regular in size, averaging three inches in diameter and two to two and a half inches through from stem to blossom end. Color brightest scarlet; perfectly smooth and free from cracks; the interior is very meaty, having an extra large and entirely solid center, but no hard or green core, being evenly ripened throughout. Seed-cells few and extremely small, with very few seeds. It ripens with the second earliest and yields abundantly throughout the season. The handsome color, even size and great solidity make it an excellent market sort. It is particularly well adapted also to canners' use by reason of its rich deep red color, unusual solidity of flesh, and desirable form for rapid peeling without waste. Its fine flavor will quickly make it a popular favorite. Pkt 10c, oz 50c.

NEW "DRY-WEATHER" CAULIFLOWER

This Cauliflower has been described as follows: "This is a distinct new strain from Denmark. Similar in growth to Early Erfurt, it produces equally large, solid, pure white heads and is only about a week later in heading. It is adapted for growing in dry locations, where other varieties fail to produce heads. It is essential, however, to secure the best heads, to make soil quite rich and give thorough cultivation, so as to induce a strong, rapid growth. While especially adapted for growing in dry locations, it will produce heads equally as fine as the best varieties in more favorable situations. By the use of this strain fine Cauliflower can be successfully grown in many dry districts where it has been impossible heretofore to raise this luscious vegetable. At the same time it is one of the very best strains for every section. We suggest that growers give it a thorough trial."

Pkt 25c, 1/4 oz 75c, oz \$2.50, 1/4 lb \$9.00.



NEW "DRY-WEATHER" CAULIFLOWER

CABBAGE "GLORY OF ENKHUIZEN"

LARGE, WHITE, COMPACT, EARLY GROWER

Of all EARLY white Cabbages in the market there is none to equal this novelty. It has a great advantage over other early sorts in the large size of its head. The heads of this novelty are very compact, of nice yellow green color and possess a very fine foliage. This kind also has only few leaves, and may be planted closely. The shape of the heads is as round as a ball. All those good qualities which one expects of an early cabbage.

Very Early, large, compact, fine ribbed, of good shape; will no doubt gain a good reception amongst Market Gardeners, as well as amongst private individuals who grow vegetables for their own use.

Pkt 10c, 3 for 25c.



"GLORY OF ENKHUIZEN" CABBAGE

It possesses only few outside leaves. This red cabbage belongs to the medium early growers. Pkt 10c, 3 for 25c.

CABBAGE, DARK RED, MEDIUM EARLY, "ZENITH"

Really good red Cabbages are not frequent. With some of them the "heads" are pale and do not possess a nice red color, with others, the heads are too large and stalky, or they develop too late, and are not properly grown when frosty weather sets in. None of these drawbacks will be found in this novelty red Cabbage "Zenith." This kind has not been surpassed by any other. The head is of medium size, quite dark red and very fine ribbed. In proportion to size of the "head" the



THE "CUMBERLAND" CUCUMBER

The "Cumberland" Pickle

The Best Pickling Cucumber Known. Enormously Prolific. A Shy Seeder.
Fine for Both Slicing and Pickling.

This variety of the hardy, White Spine type, is a RAPID, STRONG GROWER and is VERY PROLIFIC in fruit. The pickles differ from all other hardy sorts in being thickly set with fine spines, except on the extreme stem-end. During the whole period of growth, from the time they first set until full grown, the form is exceptionally STRAIGHT AND SYMMETRICAL, making them as choice for a slicing variety as for pickles. The flesh is firm, VERY CRISP AND TENDER AT ALL STAGES.

Pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{2}$ lb 60c, 1 lb \$2.

New Corn Premo

One of the largest growers and most expert judges of the merits of Sweet Corn says of Premo: "It is the earliest Sweet Corn I ever grew or saw." Of excellent quality, sweet and tender. Our illustration, showing natural size, was made from a photograph of a fair sample of ears as they averaged. The stalks grow about 5 feet high, and are very vigorous, generally bearing two well developed ears to a stalk. It is quite hardy, so much so that it can be planted earlier than some of the other varieties. Pkt 10c, pt 20c, postpaid 25c; qt 35c, postpaid 45c.



"PREMO" CORN

Monarch Evergreen Corn

This grand variety of corn is the old FAVORITE STOWELL'S EVERGREEN, only it is some 10 days to 2 weeks earlier, which makes it of GREAT MERIT to those customers who have found Stowell's a little too late for them. It has the same long GRAIN, the same LARGE EAR, the same NUMBER OF ROWS on the cobs as the old Stowell's, but it is 2 weeks earlier. Nothing more need be said in favor of Monarch Evergreen, for it is Stowell's only it is earlier and Stowell's has been the best variety of sugar corn until this recent introduction.

Pkt 5c, lb 15c, postpaid 20c, qt 25c, postpaid 35c.

New Lettuce - "GIANT GLACIER"



"GIANT GLACIER" LETTUCE

A most excellent variety to plant for a summer supply of fine head lettuce, as it *withstands heat and drought to an unusual degree*. It produces fine solid heads when the soil is so dry and the weather so warm that the varieties usually depended upon for a midsummer supply fail. The plants are of strong growth, twelve inches in diameter, with large light-green

outer leaves which fold closely about the head, protecting it from the hot sun. The edges of the leaves are finely serrated, and the surface is swollen or blistered like the leaves of *Savoy Cabbage*. The compact heads, of upright conical form, are *extra large*, often six inches in diameter. The interior leaves blanch to a snowy white and are always crisp and tender, entirely free from the bitter pungency of many sorts when grown under the hot summer sun.

Pkt 10c, oz 20c, 2 ozs 35c, $\frac{1}{2}$ lb 50c.

"Willow-Leaf" Bush Lima Bean

The plants of this new variety are always of the true bush type, twelve to fifteen inches in height, extremely uniform in growth with the most distinct and ornamental foliage. Each leaf consists of three narrow lance-shaped divisions identical in character with those of the tall or running *Willow-Leaf Lima*. The whole growth of the plant is at all times most highly ornamental in character and well suited for planting in continuous rows as borders for the flower beds, garden walks, etc.

The pods, while closely resembling those of the *Henderson Bush Lima*, are larger in size, well filled with white beans, very tender, and have the delicious buttery flavor so highly esteemed.

Pkt 10c, lb 20c, 2 lbs 35c, 5 lbs 80c.



Long White Icicle Radish



Leafless Bright Scarlet

New Long White "Icicle" Radish—This distinct Radish is the finest and longest of the very early pure white varieties. It fully equals in crisp, tender flesh and mild flavor the popular *White Vienna* or *Lady Finger*, while it is as early as *Long Scarlet Short Top*. Planted in spring, the young radishes are ready for use in twenty to twenty-five days from sowing the seed, and their long, slender form and pure paper-white skin are most attractive when bunched for market. This radish is not only crisp and tender when young, but retains these qualities until the roots attain large size. As roots develop very quickly, they can be pulled when quite young, and the leaves are short and very few in number. It is excellently adapted for forcing purposes or successive sowing in the open ground, and gives a continuous supply of tender, crisp radishes. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 30c, lb \$1.00, postpaid.

Radish "Leafless Bright Scarlet"—Extra early; remarkable for the small size of the leaves; the roots grow so quickly they are practically in advance of the leaves, and for that reason it is called *Leafless*. Its peculiar, crumpled leaves are "few and far between." A beautiful bright color and the crisp, tender flesh is excellent.

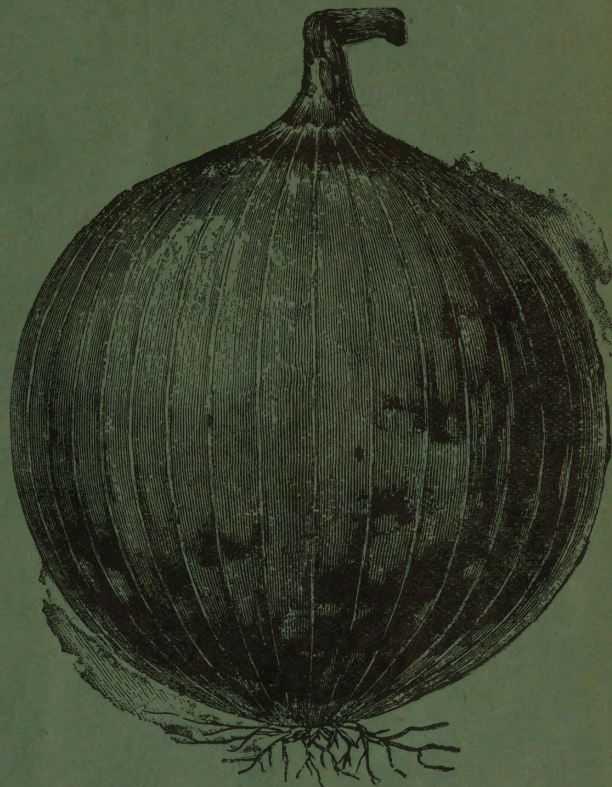
Pkt 5c, oz 15c, $\frac{1}{4}$ lb 50c.

Radish "Sakurajima Giant"—*Mammoth Radish Sakurajima* is white in color, the top a little green, and we believe it can be used in this climate as a winter radish; without doubt the largest radish known, 3 feet in circumference, and often weighs 20 to 30 lbs. It is thick in the middle and tapers slightly towards both ends. The Japanese are very fond of this radish. It is eaten there raw, boiled, dried or preserved in salt, and has a sweet, wholesome taste. Pkt 10c, 2 oz 25c, $\frac{1}{4}$ lb 40c.

New Gigantic Gibraltar Onion

While the ripened bulbs are similar to those of the *Prize Taker* in size and form, it is better adapted to growing in warm, dry locations or seasons. The plants continue in growth longer, and consequently produce larger bulbs. It produces the largest bulbs from spring sown seed, continuing in growth after the American varieties have ripened and the tops died down. The bulbs ripen surely and evenly in the fall. For gardeners who find that the *Prize Taker* ripens prematurely or before attaining large size, we would advise planting this distinct and valuable variety. The clean, handsome bulbs grow to a very large size and are nearly globular in form, being slightly flattened at the ends. The thin skin is of light straw color, flesh white, very tender and mild. The onions are excellent for home use while in the growing state during the summer months.

Pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.25, postpaid.



Giant Red Prizetaker Onion

Giant Red Prizetaker Onion

This variety produces large, perfectly globe-shaped onions of the same size and handsome form as the well-known yellow Prizetaker, but the color is an *extra rich deep red*. Rarely has any vegetable attained prominence more rapidly, and whether grown for home use or for marketing it gives universal satisfaction, yielding onions of great size. This feature, together with its splendid flavor, delights everyone who raises it. Nothing short of actual knowledge of this variety will convey a really adequate idea of its great value, whether considered as a variety for commercial or private culture. Its size will recommend it to all, particularly when it is known that its keeping qualities are unexcelled. By sowing early and transplanting the young plants it can be grown to a very large size. (See cut.) Pkt 10c, oz 25c, $\frac{1}{4}$ lb 75c, lb \$2.40.

Ornamental Pomegranate

"Queen Ann's Pocket Melon"

Grows on a pretty vine; its handsome fruit is a lemon-yellow striped with dark orange, varying from the size of a small peach to that of an orange. Very fragrant, sweetly perfuming a room with their pleasant odor for days. Very prolific and easily grown. Pkt 5c, 6 for 25c.



Ornamental Pomegranate



New Gigantic Gibraltar Onion

VEGETABLE SEED COLLECTIONS

—FOR THE—

CITY AND SUBURBAN GARDEN

NOTE.—They are free by Mail on Receipt of Price. **Not subject to any discount or premiums.**

These Collections Contain only
TRUE AND TRIED KINDS

Considering the extremely low rates, we cannot possibly permit any changes in the varieties.

No. 1

\$

Collection

30 Pkts.

Bean—Simmers' Giant Wax.
Beet—Edmand's Blood Turnip.
Cabbage—Early Jersey Wakefield.
Cabbage—Vandergaw.
Carrot—Scarlet Intermediate.
Celery—Golden Self-blanching.
Celery—White Plume.
Corn, Sweet—Cory.
Corn, Sweet—Ne Plus Ultra.
Citron.
Cucumber—Chicago Pickle.
Cucumber—Long Green.
Lettuce—Simmers' Nonpareil.
Lettuce—Simpson's Early.
Muskmelon—Montreal Green Nutmeg.
Watermelon—Cuban Queen.

Contains **30** packets of the best Vegetable Seeds, sufficient to furnish vegetables throughout the year, and 1 packet of Flower Seeds, which we will send postpaid to any address in the Dominion of Canada for the extremely low price of **\$1.00**.

Onion—Yellow Danvers.
Onion—Prizetaker.
Parsley—Champion Moss Curled.
Parsnip—Improved Hollow Crowned.
Pepper—Sweet Spanish.
Peas—American Wonder.
Peas—Stratagem.
Pumpkin—Mammoth.
Radish—Scarlet Turnip, White Tipped.
Salsify—Mammoth Sandwich Island.
Squash—Summer Crookneck.
Squash—Hubbard.
Turnip—Purple Top, Strap-leaved.
Tomato—Early Ruby.
*And Pkt Wild Garden Flower Seed Mixture.
Also a copy of Simmers' Vegetable and Flower Garden.*

GARDEN COLLECTION No. 2

15 Packets for 50c.

50c.

Corn, Sweet—Cory.
Cucumber—White Spine.
Cabbage—Vandergaw.
Celery—White Plume.
Lettuce—Simmers' Nonpareil.
Muskmelon—Green Nutmeg.
Onion—Large Yellow Danvers.
Parsnip—Improved Hollow Crowned.
Parsley—Champion Moss Curled.
Peas—American Wonder.
Radish—Olive Scarlet.
Tomato—Early Ruby.

Beans—Simmers' Giant Wax.
Beet—Edmand's Blood Turnip.
Carrot—Scarlet Intermediate.

And Pkt Mixed Annual Flower Seeds.

25c. Garden Collection No. 3

7 Packets for 25 Cents.

Beet—Edmand's Blood Turnip.
Carrot—Scarlet Intermediate.
Cucumber—White Spine.
Lettuce—Simmers' Nonpareil.

Muskmelon—Green Nutmeg.
Onion—Yellow Danvers.
Radish—Scarlet Olive-shaped.

75c.

FARMERS' Vegetable Collection No. 4

Price 75 Cents.

Contains 1 ounce Beet, 1 pound Beans, 1 ounce Carrot, 1 pound Sweet Corn, 1 packet Cucumber, 1 packet Lettuce, 1 packet Watermelon, 1 packet Citron, 1 ounce Onion, 1 packet Parsnip, 1 packet Radish.

GARDEN COLLECTION No. 5

Suitable for Manitoba and North-West Territories

15 Packets for 50 Cents, Postpaid.

Beans—Simmers' Giant Wax.
Beet—Half Long Blood.
Cabbage—Premium Flat Dutch.
Cabbage, Savoy—Large German Drumhead.

Carrot—Early English Horn.
Cauliflower—Demidur.
Celery—Simmers' Large Ribbed Dwarf White.
Corn—First of All.

Lettuce—Hanson.
Onion—Australian Brown.
Parsnips—Guernsey.
Parsley—Triple Curled.
Peas—American Wonder.

Peas—Stratagem.
Radish—Scarlet Olive.

And 1 Pkt. Mixed Annual Flower Seeds.

The "City and Suburban" Garden Collection

Price \$1.00, Free by Mail.

Contains 17 Distinct Varieties of Vegetables

Beet—Blood Turnip, 1 pkt.
Beans—Dwarf Snap, yellow wax pod, ½ pt.
Cabbage—Early Jersey Wakefield, 1 pkt.
Carrot—Scarlet Horn, 1 pkt.
Corn—Early Sugar, ½ pt.

Cucumber—Long Green, 1 pkt.
Lettuce—Cos, 1 pkt.
Lettuce—Nonpareil, 1 pkt.
Onion—Yellow Danvers, 1 pkt; Mammoth Silver King, 1 pkt.
Parsley—Triple Curled, 1 pkt.

Peas (none of which require staking)—American Wonder, for succession ½ pt.; Stratagem, ½ pt.
Radish—Scarlet Olive, 1 pkt.
Squash—Vegetable Marrow Bush, 1 pkt.
Tomato—Imperial, 1 pkt.
Turnip—Snowball, 1 pkt.

Give Your Boys a Garden

and provide a means of healthy exercise and delightful recreation. In order to encourage "Young Canada" we offer:—

"OUR BOYS" Collection, 12 Pkts for 25c, Postpaid

Beans—Canadian Wonder.
Beet—Flat Egyptian.
Cress—Curled.
Cucumber—Improved Long Green.

Lettuce—Nonpareil.
Muskmelon—Hackensack.
Watermelon—Cole's Early.
Onion—"Prizetaker,"

Radish—"Rosy Gem."
Squash—Mammoth Whale.
Tomato—Aristocrat.

And 1 pkt of Children's Flower Mixture.



(7)

MAIL ORDERS FILLED PROMPTLY**1903**

To Our Friends and Patrons, Greeting:

THIS being the **forty-eighth year** since establishing our immense Seed, Bulb and Plant Business in Toronto, in greeting our numerous old friends and patrons, and tendering them **Our Annual Cultivators' Guide and Catalogue of Seeds, Bulbs and Plants, Etc., for 1903**, we take this opportunity of returning our sincere thanks for their recognition of our efforts to supply them with everything good and reliable in our line, and we trust that they

will continue to extend to us that liberal share of their patronage which we may fairly claim, and to deserve which we have at all times done our utmost by honest and square dealing.

OUR CATALOGUE

We here wish to say, that, doing our utmost to make mention in this Catalogue of our large and varied stock, many articles are unavoidably omitted. We shall cheerfully procure and furnish prices of anything (of whatever nature) obtainable in the interests of our numerous customers. Please write for anything in the seed line you may wish to procure and which you do not see mentioned in this Catalogue.

In compiling our Catalogue we give descriptions free from all appearance of exaggeration, and make our engravings as true to type and nature as possible, considering well the fact that a seedman's catalogue should be rational in its tone, educational in its matter, and as clearly descriptive of the things offered as a limited space will allow. It is our desire to make our Catalogue servicable as a book of reference, and as clear as possible, so that it will not be simply looked at and thrown aside.

OUR STOCKS

Our seed stocks have been kept up to our high standard of excellence; our plants are well-grown and thrifty; our tools and implements are from the best manufacturers in their respective lines, and our fertilizers are of the highest grade procurable.

OUR PRICES

It is our constant aim to make highest quality a first consideration, and then to make our prices as low as good, honest seeds can be sold. Our prices for seeds of the highest standard of excellence, therefore, will in all cases be priced as low as those of any other reliable house. "Our success achieved can only be maintained by the methods that obtained it."

ORDERS

We endeavor to be as liberal as possible in filling orders, and strive to send our customers goods that will be satisfactory in every way. The greatest care will, as heretofore, be bestowed in putting up all orders, large or small; also that amateurs not acquainted with the varieties offered, will, by leaving the selection to us, be liberally and judiciously supplied. Our aim will always continue to be to give every satisfaction to the purchaser, both in quality of the article supplied, and in the manner of packing and forwarding.

ABOUT WARRANTING SEEDS

It is impossible for us to guarantee the crop in any way, as there are so many causes that operate against the growth and productiveness of the seeds, over which we can have no control. *We give no warranty, expressed or implied, as to*

Reliable Table Showing the Quantity of Seed Usually Sown upon an Acre

Seed, and pounds per bushel.	Seeds, and pounds per bushel.
Barley, broadcast, 48.....1½ to 2 bus.	Lawn Grass, 15.....4 bus.
Beans, Dwarf, in drills, 60.....1½ bus.	Melon, Musk, in hills.....2 to 3 lbs.
Beans, Pole, in hills, 60.....10 to 12 qt.	Melon, Water, in hills.....2 to 3 lbs.
Beets, Table, in drills.....6 lbs.	Millet, 48.....1 bus.
Beets, Mangel-Wurzel.....5 lbs.	Oats, broadcast, 34.....2 to 3 bus.
Buckwheat, 48.....1 bus.	Onions, in drills.....4 to 5 lbs.
Cabbage, in beds to transplant.....¼ lb.	Onion, for sets, in drills.....50 lbs.
Carrot, in drills.....2 to 3 lbs.	Onion, sets, in drills.....8 to 12 bus.
Clover, Red, 60.....12 to 15 lb.	Parsnip, in drills.....5 to 6 lbs.
Clover, White, 60.....6 to 8 lbs.	Peas, in drills, 60.....2 to 3 bus.
Clover, Alsike, 60.....8 to 10 lbs.	Potatoes, cut tubers, 60.....8 bus.
Clover, Lucerne or Alfalfa, 60.....12 to 15 lbs.	Pumpkin, in hills.....1½ to 2 lbs.
Corn, in hills.....10 to 20 bus.	Radish, in drills.....8 to 10 lbs.
Corn, for fodder, 56.....3 bus.	Rye, broadcast, 56.....1 to 1½ bus.
Cucumber, in hills.....2 lbs.	Spinach, in drills.....10 to 12 lbs.
Flax, broadcast, 56.....1 to 1½ bus.	Squash, bush varieties, in hills.....5 to 6 lbs.
Grass, Kentucky Blue, 14.....1 to 1½ bus.	Squash, running varieties in hills.....3 to 4 lbs.
Grass, Orchard, 14.....1 to 1½ bus.	Tomato, to transplant.....¼ lb.
Grass, English Rye, 24.....1 to 1½ bus.	Turnip, in drills.....2 lbs.
Grass, Red Top, 14.....1 to 1½ bus.	Vetches, broadcast, 60.....2 to 3 bus.
Grass, Timothy, 48.....12 to 15 lbs.	Wheat, in drills, 60.....1¼ to 1½ bus.
Grass, Hungarian, 48.....½ to ¾ bus.	

Quantity of Seed Required for a Specified Length of Drill

Asparagus.....1 oz.—60 ft. of drill.	Onion.....1 oz.—100 ft. of drill.
Beet.....1 oz.—50 ft. of drill.	Onion Sets.....1 qt.—40 ft. of drill.
Beans, Dwarf.....1 qt.—100 ft. of drill.	Parsley.....1 oz.—125 ft. of drill.
Beans, Pole.....1 qt.—150 hills.	Parsnip.....1 oz.—150 ft. of drill.
Cabbage.....1 oz.—2,000 plants.	Peas.....1 qt.—100 ft. of drill.
Cauliflower.....1 oz.—2,000 plants.	Pepper.....1 oz.—1,000 plants.
Celery.....1 oz.—4,000 plants.	Pumpkin.....1 oz.—20 hills.
Carrot.....1 oz.—150 ft. of drill.	Radish.....1 oz.—100 ft. of drill.
Cucumber.....1 oz.—50 hills.	Salsify.....1 oz.—50 ft. of drill.
Corn.....1 lb.—100 hills.	Spinach.....1 oz.—100 ft. of drill.
Leek.....1 oz.—100 ft. of drill.	Squash, Early.....1 oz.—50 hills.
Lettuce.....1 oz.—150 ft.	Squash, Marrow.....1 oz.—20 hills.
Melon, Water.....1 oz.—30 hills.	Tomato.....1 oz.—1,500 plants.
Melon, Musk.....1 oz.—50 hills.	Turnip.....1 oz.—150 ft. of drill.

description, quality, growth, productiveness, or any other matter, of any Seeds, Plants or Bulbs we sell; nor will we hold ourselves in any way responsible for the crop. Every order received will be filled by us on these conditions only.

OUR PUBLICATIONS

We issue the following Catalogue and Price Lists during the year:—January 1st, Illustrated Guide for Amateur Gardeners, Market Gardeners' Catalogue, Florists' Semi-Annual Trade Price List, Dealers' Trade List of Seeds; June 1st, Florists' Semi-Annual Trade Price List of Forcing Bulbs, Etc.; August 15th, Price List of Winter Wheat; September 1st, Autumn Catalogue of Dutch and Other Bulbs, Etc.

PLEASE READ CAREFULLY WHAT WE DO

Seeds by Mail—We send free, by mail, all seeds priced by the packet, ounce or quarter pound; and all seeds quoted by the pound, except Beans, Field Beets, Field Carrots, Corn, Mangels, Peas, Rape, Field Turnips and Swedes, Clover, Grasses; to these varieties **Five cents per pound** must be added for postage.

We guarantee that every packet we send out shall reach its destination in good condition. If a package is lost we will replace it.

We pack all seeds and plants carefully, and they will carry to any part of the world with safety.

Completion of Orders—As the season advances our stock of some varieties become exhausted. In such cases we substitute with an article of the same variety, of equal quality, or return the money. Potatoes, bulbs, plants, etc., will be sent only when all danger of frost is past.

Errors—Should any error occur we desire to be informed of the fact, and promise to make such corrections as will be perfectly satisfactory.

WHAT CUSTOMERS SHOULD DO

Forward money with your order, by post-office order, postal note, express order, bank draft, or registered letter. All money sent by any one of the above ways will be at our risk.

Be sure and write your name and address plainly, as we very often get letters without names, and others without the post-office address or county. Keep a copy of your order by marking in your Catalogue, opposite the variety, the quantity ordered of each; by so doing you will know when your goods arrive if all is correct.

Send Your Orders Early—By so doing you are sure of getting all you order promptly, for as the season advances, some varieties run short.

Ladies should always prefix their names with Miss or Mrs., as the case may be.

Correspondents should always sign their names alike each time. Ladies very often sign their husband's names in sending an order, and then again their own names, if making enquiry about it, or *vice versa*. This leads to confusion.

Should you receive an extra copy of our catalogue, or have no use for this one, kindly hand it to someone who would likely be wanting seeds, etc.

Always give shipping instructions when ordering large quantities of seeds, etc. Say whether by freight or express, and state the Railway. Should instructions not be given, we shall use our best judgment.

Should you make any change in your permanent address, please notify us, that we may be able to forward our Catalogue to you.

Important—Should you not receive your seeds, etc., in a reasonable time after sending your order, advise us of the fact, enclosing a duplicate order, and state the date order was mailed, the amount of money enclosed, and in what form. On receipt of this we will at once investigate the matter; but if duplicate order is not sent we cannot do so promptly.

Goods ordered shipped to any flag station must have **freight prepaid**. Please allow for same in remittance, or we shall ship to the nearest station.

Seeds ordered by the peck or bushel will be sent either by express or freight at purchaser's expense.

Address all orders and other communications to

ANTON SIMMERS
HERMAN SIMMERS }

J. A. SIMMERS,

Offices and Seed Warehouses—

TORONTO

143, 145, 147, 149, 151 KING STREET EAST

Discount or Premium

On Orders Accompanied by Cash
and at Retail Catalogue Prices

25c.

WORTH OF SEEDS EXTRA will be allowed on each ONE DOLLAR sent for Seeds in PACKETS and OUNCES (except Cauliflower)

Thus:—Customers sending \$1.00 may select 25c. extra.

" " 2.00 " " 50c. "
" " 3.00 " " 75c. " and so on.

This discount applies ONLY to orders of ONE DOLLAR, or more, for seeds in PACKETS and OUNCES. We fill an order for 25 cents as carefully as one for 25 dollars. BUT we cannot afford to allow this liberal discount UNLESS the seeds in packets and ounces amount to one dollar. It should be understood plainly that this discount does not apply to seeds by the quarter-pound, pound or quart, nor Bulbs or Plants, upon which prices are net. Please do not ask us to include any of these in this rate of discount.

Simmers' Garden Seeds

Simmers' Seed Store at Your Own Door

The prices quoted in this Catalogue include free delivery on packets, ounces, quarter pounds and pounds (except where otherwise stated). They do not include delivery charges on larger quantities, nor on pints, quarts, pecks or bushels. Please note the facilities for sending Seeds by Mail on page 7. We guarantee the safe arrival of all Seeds, etc., when sent by Mail.

ARTICHOKE

German—*Artischoke*. French—*Artichaut*.

CULTURE—Sow in April in rich soil and transplant to permanent beds the next spring, in hills three feet apart each way, with three plants to a hill. A rich, deep loam is required, and plenty of moisture. Cover with litter or earth in winter.

Large Green Globe—The best for general culture. Per pkt 5c, oz 30c.

Jerusalem Artichokes—A hardy and productive tuber, used for cooking, pickling for table use, and feeding stock; strong tubers. Per lb 10c, 3 lbs 25c, if wanted by mail add 5c per lb; peck 50c; bushel \$1.50.

ASPARAGUS

German—*Spargel*. French—*Asperge*.

One ounce for 60 feet of drill. **CULTURE**—After soaking the seed for 24 hours in luke warm water, sow as early in spring as the season will permit and the ground can be worked, in drills one foot apart, covering the seed one inch deep. Thin plants to three inches apart in the row. The following spring, not too early, transplant into permanent highly-manured beds four feet wide and three rows in each. Plant one foot apart. Cover in the fall with well-decayed manure, and in the spring give a good dressing of salt.

ASPARAGUS ROOTS	By Mail, Postpaid.			By Express.		
	P. 25	P. 50	P. 100	P. 25	P. 50	P. 100
Columbian Mth. White.....	\$0 45	\$0 80	\$1 50	\$0 40	\$0 75	\$1 25
Palmetto.....	0 40	0 65	1 25	0 30	0 50	1 00
Conrovers' Colossal.....	0 40	0 65	1 25	0 30	0 50	1 00
Large Giant.....	0 40	0 65	1 25	0 30	0 50	1 00



Columbian Mammoth Asparagus

Columbian Mammoth White—A newer and distinct variety that produces shoots which are white and which remain white as long as fit for use. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 65c.

Large Giant (Mammoth)—One of the best varieties, large and productive. Seed per pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 55c.

Conrovers' Colossal—A very large, productive and distinct variety. Seed per pkt 5c, oz 10c, 1 lb 15c, lb 50c.

Palmetto—It is of very large size, even and regular in growth and appearance. It is very early sort and immensely productive, and of the very best quality. Seed per pkt 5c, oz 10c, 1 lb 20c, lb 55c.

German—*Bohne*.

BEANS

English or Broad

French—*Haricot*.

CULTURE—The English Broad Beans are very hardy, and should be planted as early in the spring as the ground can be worked, in rows 2 feet apart, about 5 inches apart in the row, and cover 2 inches deep.

Broad Windsor—Large, one of the best, ripens well, very prolific. Pkt 5c, lb 15c, quart 30c, peck \$1.75.

Early Mazagan—The earliest, very hardy, and bears freely, best adapted to our climate. Pkt 5c, lb 15c, quart 30c, peck \$1.75.

Beans—Bush, Dwarf, Wax-Podded Varieties

CULTURE—Plant as soon as danger from frost is past, in light, warm soil, in drills about 2 feet apart, 3 inches apart in the drills, or in hills 3 to 4 feet apart. Avoid cultivating when wet with rain or dew, as this will injure the crop, but hoe often when dry. Plant every two weeks for succession. One quart will plant 200 hills, or a drill of 100 feet.

Simmers' Early Giant Wax or Butter—This is really one of the most valuable varieties for either private or market garden purposes. It is earlier than either the Black or Golden Wax sorts, and has a peculiar value in the fact that it is always exempt from rust. The pods are of a very large size, often from 6 to 9 inches long; exceedingly succulent and tender when full grown. It is an enormously productive variety. Per pkt 5c, lb 15c, quart (2 lbs) 30c, 5 lbs 75c, peck (15 lbs) \$1.75.

Davis' Kidney Wax—The most hardy and productive bush, wax-podded Bean in cultivation. A large handsome pod containing pure white kidney-shaped beans, and producing a third more bushels of pods to an acre than most other wax varieties. Price, pkt 5c, lb 20c, quart 35c, 5 lbs 75c, peck \$1.75.

Early Crystal White Wax—Transparent pods, stringless, good flavor, seeds white. Per pkt 5c, lb 15c, quart (2 lbs) 30c, 5 lbs 70c, peck \$1.50.

Detroit Wax—Very hardy and productive, pods straight, flat, but thick to edge; distinctly broader than the Golden Wax. They do not turn to wax color so early, but when well grown and fit for use are of a beautiful golden wax color, and of the finest texture. Per pkt 5c, lb 15c, quart (2 lbs) 30c, 5 lbs 70c, peck \$1.50.

Early Golden Wax or Butter—Yellow pods, several days earlier than the ordinary Black Wax, quite distinct, very prolific, brittle and stringless. Per pkt 5c, lb 15c, quart (2 lbs) 25c, 5 lbs 60c, peck (15 lbs) \$1.50.

Wardwell's Kidney Wax—One of the very best Wax Beans, bearing long pods of a delicate waxy yellow, entirely stringless and brittle, fine buttery flavor, heavy yielder. Per pkt 5c, pt 15c, qt 30c, 5 lbs 70c, peck \$1.50.

Early Black-Seeded Wax or Butter—Almost stringless yellow pods, thick, very tender and delicious, a standard variety. Beans black when ripe. Pkt 5c, lb 15c, qt (2 lbs) 30c, 5 lbs 70c, peck (15 lbs) \$1.50.

Early White-Seeded Wax or Butter—A variety with wax-like pods, similar to the Black Wax except in the color of the seed. Per pkt 5c, lb 18c, quart (2 lbs) 35c, 5 lbs 75c, peck (15 lbs) \$1.75.



Simmers' Giant Dwarf Wax or Butter Beans
The Standard Variety for Table Use



Wardwell's Kidney Wax Bean (8)

BEANS—Green-Podded Bush Varieties



Simmers' Canadian Wonder

Simmers' Canadian Wonder—It is a giant among green-podded varieties, forming a large robust plant, covered with long, thick, flat pods, somewhat similar in shape to the well-known Mohawk, but nearly twice as large, frequently measuring from 9 to 10 inches in length by three-quarters of an inch wide and one-half inch thick. The largest and most handsome green pod bean of strictly bush form. Per pkt 5c, lb 15c, quart (2 lbs) 30c, 5 lb 75c, peck (15 lbs) \$1.75.

Taber's I.X.L.—The nearest to a stringless green-pod bush Bean in cultivation, with beautiful straight, green

Pods, full and fleshy. Plants of medium growth, pods 9 to 10 inches long, light green in color, flesh tender and of the best quality. The pods remain long in edible condition; even when the beans are large the pods are not stringy. Pkt 5c, per lb 15c, 2 lbs 30c, 5 lbs 75c, peck \$1.75.

Mohawk—Very hardy and prolific, also very early; good string bean. Per pkt 5c, lb 15c, quart (2 lb) 25c, 5 lb 60c, peck (15 lb) \$1.50.

Yellow or Six Weeks—Early, hardy and most prolific variety; a good reliable cropper. Per pkt 5c, lb 15c, quart (2 lbs) 25c, 5 lbs 60c, peck (15 lbs) \$1.50.

Refugee or One Thousand to One—Solid podded, excellent and prolific. Much used for canning. Per pkt 5c, lb 15c, quart (2 lbs) 25c, 5 lbs 60c, peck (15 lbs) \$1.50.



Valentine Round Podded Bush Bean

Valentine, Round Podded—With round beautiful waxy pods. The pods are very meaty, and no other bean has less string or less hard shell to the pod as long as it is suitable for cooking. Pkt 5c, lb 15c, quart (2 lbs) 25c, 5 lbs 60c, peck (15 lbs) \$1.50.

Early China (Red Eye)—A well-known and prolific sort; very tender. Per pkt 5c, lb 15c, quart (2 lbs) 25c, 5 lbs 60c, peck (15 lbs) \$1.50.

Large White Marrowfat—Extensively grown for sale as a dry bean for winter use. Excellent either when green in pods or dry. Pkt 5c, lb 10c, quart (2 lbs) 20c, 5 lbs 40c, peck (15 lbs) 90c.

White Kidney or Royal Dwarf—A superior variety for baking; is excellent when green in pods. Pkt 5c, lb 15c, qt (2 lbs) 25c, pk (15 lbs) \$1.25.

Bush Lima Beans

Burpee's Bush Lima—A dwarf variety of the improved Lima, which has been fixed in its character of a bush bean; it is very prolific, single plants often producing from 150 to 200 pods. It requires no poles or staking whatever, and should be planted about two feet apart in the rows. Pkt 5c, pint or lb 20c, qt 35c, 5 lbs 80c, pk \$2.

Henderson's Bush Lima—It grows without the aid of poles, in compact bush form, about 18 in. high, and is very early. Per pkt 5c, lb 20c, quart (2 lbs) 35c, 5 lbs 80c, peck \$2.

Burpee's Bush Lima Bean

Pole Beans

Pole Beans, being tender, ought not to be planted until the ground is dry and warm. A well-manured sandy loam suits them best. Plant in hills 4 feet apart, 6 to 8 beans in a hill, eyes downward, afterwards thin to 3 plants in a hill. Set poles—8 to 10 feet long—before planting seed.

Golden Champion—The leading early Wax Pole Bean, fully two weeks earlier than any other variety. Giant Yosemite Wax in size and form, color light yellow, and are absolutely stringless and tender. Pkt 5c, pint 20c, quart 40c, 5 lbs \$1, peck \$2.50.

Lazy Wife—Large pale green pods, very thick meaty, stringless, rich, tender and buttery, ripens early, clings well to pole, enormously productive, splendid either as a snap or shell bean, retains its flavor until nearly ripe. Pkt 5c, lb 20c, quart 35c, 5 lbs 80c, peck \$2.

Golden Andalusia Wax—The pods are 5 or 6 inches long, broad, thick, very fleshy, and entirely stringless, exceedingly rich, buttery and fine flavored when cooked. Pkt 5c, lb 20c, quart 40c, 5 lbs \$1, peck \$2.50.

Asparagus or Yard Long (Genuine)—Immense pods of a beautiful green color, tender and delicious. Although of such extraordinary length they are produced abundantly. Pkt 5c, lb 50c.

Early Dutch Case Knife—Very productive, excellent whether used green or shelled dry. Pkt 5c, lb 20c, quart 35c, 5 lbs 80c, peck \$2.

Improved Large Lima—Unsurpassed and universally grown for private use. Very early and tender. Pkt 5c, lb 20c, quart 35c, 5 lbs 80c, peck \$2.



Kentucky Wonder or Old Homestead

Kentucky Wonder or Old Homestead—A very prolific sort, producing its long pods in large clusters. The pods, when young, are nearly round, of best flavor, and are most excellent for snaps. This is one of the best and most profitable beans for the market gardener. Pkt 5c, pint 20c, quart 35c, 5 lbs 75c.

Scarlet Runner—A favorite sort, cultivated for the beauty of its flowers, as well as for table use, grows 9 or 10 feet high, dazzling scarlet flowers. Pkt 5c, lb 20c, quart 35c, 5 lbs 80c, peck \$2.

Giant White Runner—A white seeded variety of Scarlet Runner, but earlier and more prolific. Pkt 5c, lb 20c, quart 35c, 5 lbs 80c, peck \$2.

Borecole or Kale

German—Blotter Kohl. French—Chou Vert.

CULTURE—Borecole or Kale may be grown in almost any soil, but the richer it is the more abundant the product. Sow from the middle of April to the beginning of May, in prepared beds, covering the seed thinly and evenly; transplant in June and treat in the same manner as Cabbage. The varieties are all extremely hardy, and are best when touched by frost.

Dwarf Green Curled

Scotch—Also called Curled German Greens or Sprouts. Very hardy, one of the best. Pkt 5c, oz 15c, 2 oz 25c, 1 lb 40c.

Tall Green Curled

Scotch—About 30 inches tall, with an abundance of dark green leaves, which are densely curled and cut. Pkt 5c, oz 15c, 2 oz 25c, 1 lb 40c.

Plumage—Curly, variegated leaves, suitable for ornamental purposes, also excellent for table. Pkt 5c, oz 15c, 2 oz 25c, 1 lb 40c.



Dwarf Green Curled Scotch Kale

German—Spargel-Kohl. Broccoli French—Chou Brocoli.

CULTURE—Same as Cauliflower.

Early Purple Cape—Heads medium size, close and compact. Pkt 5c, oz 20c, 2 oz 40c, 1 lb 75c.

Walcheren White—It bears large compact heads of a creamy white color and of good flavor. Pkt 5c, oz 40c, 2 oz 75c, 1 lb \$1.20.

SPECIAL OFFER No. 1

Simmers' Giant Wax Bean.....	} One Pkt. Each For 15c., Postpaid.
Wardwell's Kidney Wax Bean.....	
Simmers' Canadian Wonder Green Pod Bean..	
Burpee's Bush Lima Bean.....	

When ordering Beans, Peas or Corn to be sent by Mail, please allow Five Cents per Pound for Postage

Willow Leaf Bush Lima Bean.

Beets

German—*Runkle-Rube*.

French—*Betterave*.

(One oz. will sow 100 feet of drill.)

CULTURE—The soil best suited to the Beet is a deep, light and rich sandy loam. For early beets the seed should be sown about the middle of April, or as soon as the ground is in good working condition, in drills 12 to 15 inches apart, and thinned to 4 to 6 inches apart in the drills. For winter crops the first of June is the right time. Cover 1 inch deep.



Early Dark Red Flat Egyptian



Detroit Dark Red Turnip Beet



Half Long Dark Blood Red Beet

Dell's Black or Crimson Leaved Beet—Both useful and ornamental, as it is extensively used for ribbining in flower borders, on account of its extremely striking foliage, being a deep, dark metallic lustre. Pkt 5c, oz 25c, 2 oz 40c, $\frac{1}{4}$ lb 75c, lb \$2.00.

Silver Beet or Swiss Chard—Sometimes called Sea Kale Beet; a variety with beautiful and tender leaves, used for Spinach. The mid rib is used and served as Asparagus. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 70c.



Simmers' Extra Early Beet

SIMMERS' EXTRA EARLY—Combines more good qualities than any other variety. Rich red flesh, exceedingly tender, remarkably early. In this early Beet we have secured more good qualities than were ever combined in any one variety before. In shape it is almost round. The color is dark crimson, the prevailing shade being very dark, changing alternately into rings of a lighter hue. The constancy of color in every bulb largely enhances its value. It is extremely early. But it is when prepared for the table that its fine qualities become most apparent, the fine, rich color making it conspicuous. The flesh, of delicate texture, is rich, sugary and entirely free from fibre. Price, pkt 5c, oz 10c, 2 oz 20c, $\frac{1}{4}$ lb 30c, lb 90c.

EARLY ECLIPSE—Remarkable for its rapid growth, extreme smallness of tops and extra fine quality. Perfectly smooth and round, skin and flesh intense red, very fine grained and sweet, an excellent sort. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 50c.

Crimson Globe—The root is of medium size, of very handsome globe shape, and has a remarkably smooth surface. Both the skin and flesh are deep, rich red, fine grained, sweet and tender in all stages of growth. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 70c.

EARLY DARK RED FLAT EGYPTIAN—One of the earliest dark red Beets in cultivation; its color is a fine dark red, and its shape is that of an early flat white turnip; it never fails to give satisfaction. See illustration. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 50c.

Early Blood Turnip—Good for summer or winter, flesh dark red color, a standard round variety with small top, very tender. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 50c.

Edmand's Early—The roots are handsome and round, very smooth, with a single tap root; of good marketable size, and for table use no variety can excel it in fine quality. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 50c.

Half Long Dark Blood Red—The best for family use, tender, sweet, not requiring to be cut in two for boiling. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 50c.

Whyte's Very Deep Long Blood Red—Very choice and long. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 75c.

Detroit Dark Red Turnip—A grand Beet for bunching for market, tops exceptionally small and uniformly upright; roots are perfect turnip shape with small tap roots. The principal fault with most turnip Beets is the occasional appearance of white rings, but by careful selection this has been overcome, and this will be found to be one of the deepest red beets. Quality is of the very best, sweet and tender. Gardeners can safely plant it largely. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 60c.

Extra Long Smooth Deep Blood Red—The most popular kind for general use; keeps well. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 50c.



Brussels Sprouts

German—*Kopfkohl Gruener*.

French—*Chou de Bruxelles*.

CULTURE—The seeds should be sown in March or April in the hotbed or in the open ground when the weather permits. When the plants are three inches high they should be transplanted and cultivated the same as cabbages or cauliflowers.

Large Tall French (Dalmeny)—A very fine variety; the sprouts are large and solid and of luscious flavor. Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.

Improved Dwarf—A standard variety of excellent quality, producing compact sprouts of fine quality; it seldom fails to produce sprouts, and is a good keeper. Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.

CABBAGE

German—*Kopf Kohl.* French—*Chou Cabus.*
 (One Ounce Will Produce About 3,000 Plants.)

CULTURE—For very early use sow in January or February in hotbeds; prick out, when the plants are strong enough, into other hotbeds; or sow in cold frames in March; transplant, when danger from killing by frost is past, to the open ground, in rows 2 feet apart and 18 inches in the row. For a succession sow in the open ground the last of March or early in April. To secure plants for wintering in cold frames sow the seed in well prepared rich ground, from the 10th to 25th September. To preserve the plants from insects sprinkle them with Slug-Shot.

Early Varieties

Simmers' Premier—A valuable acquisition, being a round, flat-headed cabbage as early as Wakefield and one-third more productive. It is of the Early Summer type, heads a trifle smaller, very solid, with few small outside leaves, enabling it to be planted very close; very uniform in shape and size, finely bred, and free from any rankness of flavor. Pkt 10c, oz 25c, 2 oz 50c, 1 lb 90c.

EARLY SPRING—Flat-headed variety as early as Jersey Wakefield. Pkt 5c, oz 25c, 2 oz 40c, 1 lb 75c, lb \$2.50.

BURPEE'S ALL-HEAD EARLY—This is the earliest of all large cabbages, being at least a week earlier than any of the various strains of early summer cabbage. Pkt 5c, oz 20c, 2 oz 35c, 1 lb 60c, lb \$2.

Extra Early "Express"—From 8 to 10 days earlier than the Early Etampes, which it resembles in shape, though smaller. Heads pointed. It has few outside leaves and can be planted close. For a very quick forcing sort, try it. Pkt 5c, oz 20c, 2 oz 35c, 1 lb 60c, lb \$2.

Henderson's Early Summer—A standard early variety, much used by market gardeners, heads large, solid and nearly globe shaped, rarely or never burst when fully matured. Pkt 5c, oz 20c, 2 oz 35c, 1 lb 60c, lb \$2.

EXTRA EARLY ETAMPES—A very early sort, producing medium-sized heads very sharply pointed. It grows quickly, is mild flavored, and for private gardens a desirable sort. Pkt 5c, oz 20c, 2 oz 35c, 1 lb 60c, lb \$2.

SELECTED EARLY JERSEY WAKEFIELD—One of the best early varieties for private use, very solid, medium size, nearly round, of excellent flavor. Pkt 5c, oz 20c, 2 oz 35c, 1 lb 60c, lb \$2.

Early Winningstadt—Pointed head, for summer and winter use, very sound, quality first rate, sure to head on all soils, desirable for private gardens. Pkt 5c, oz 15c, 2 oz 25c, 1 lb 45c, lb \$1.75.



Simmers' Early German Brunswick Cabbage
 (Best for general crop.)

Second Early Varieties

Simmers' Early German Brunswick—A second early variety, short stemmed, solid, large light green flat heads, similar but much superior to St. Denis, most commendable to market gardeners and others, large as Henderson's and nearly as early, stem remarkably small and short, every plant sure to head. Pkt 5c, oz 20c, 2 oz 35c, 1 lb 60c, lb \$2.

Henderson's Succession—Handsome, large and sure header. The Succession is about one week later than the Early Summer, but is double its size. Pkt 5c, oz 20c, 2 oz 35c, 1 lb 60c, lb \$2.

All Seasons—This is a superior variety to plant for late as well as for early crop, the thickness of the head making it a capital variety to keep through the winter; heads large and solid, not liable to burst after heading. Pkt 5c, oz 20c, 2 oz 35c, 1 lb 60c, lb \$2.

	Pkt.	oz.	2 oz.	1 lb.	lb.
Early French Oxheart	5c	20c	35c	60c	\$2 00
Fottlers' Improved Brunswick	5	20	35	60	2 00
Vandergaw	5	20	35	60	2 00
Early Premium Flat Dutch	5	15	25	45	1 60

Late Varieties

DANISH BALL HEAD—Heads round in form, 8 to 10 inches in diameter and very solid; few outer leaves, and these folded closely about the heads. The heads keep excellently through the winter when buried, coming out quite solid in the spring. Pkt 5c, oz 20c, 2 oz 35c, 1 lb 60c, lb \$2.

The Lupton—Earlier than Flat Dutch, of closer growth, sure header, large, solid, dark green, quality very fine. Pkt 5c, oz 20c, 2 oz 35c, 1 lb 60c, lb \$2.

SIMMERS' MATCHLESS FLAT DUTCH CABBAGE—Extremely handsome in appearance, the stumps being very short. The well-developed heads are true to type and uniform in color, which is an attractive bluish green. The heads measure about 13 inches across and weigh from 10 to 12 pounds each. The Matchless Flat Dutch comes very true, and is a sure header. A very superior cabbage for autumn and winter use. Pkt 5c, oz 20c, 2 oz 35c, 1 lb 60c, lb \$2.

Surehead—One of the surest headers and best main crop cabbages. The heads are round, flat on top, hard, and with few outside or loose leaves. Market gardeners will find it a most valuable sort. Pkt 5c, oz 20c, 2 oz 35c, 1 lb 60c, lb \$2.

AUTUMN KING—The Autumn King is one of the best keepers we have ever seen; it produces large solid heads of dark green, and has such small outer leaves that it can be planted much closer together than the ordinary late sorts. Pkt 5c, oz 20c, 2 oz 35c, 1 lb 60c, lb \$2.

Late Marblehead Mammoth—The largest known sort, solid, tender and free-heading winter variety, and with good culture average 30 lbs per head. American-grown seed. Pkt 5c, oz 20c, 2 oz 35c, 1 lb 60c, lb \$2.

	Pkt.	oz.	2 oz.	1 lb.	lb.
Late French St. Denis	5c	15c	25c	45c	\$1 60
Filderkraut	5	15	25	45	1 60
Late Large Drumhead	5	15	25	45	1 60
Late Flat Dutch	5	15	25	40	1 50



Simmers' Perfection Drumhead Savoy Cabbage

Savoy Cabbage

Simmers' Perfection Drumhead Savoy Cabbage—Heads large and very finely curled, short stock and compact grower, an excellent keeper. Partakes of the size of the Drumhead, with the curled leaves and fine flavor of the Savoy. Far superior to the ordinary imported Drumhead Savoy. Pkt 5c, oz 20c, 2 oz 35c, 1 lb 60c, lb \$2.

Improved Large American Drumhead—Of excellent flavor, compact grower and excellent keeper. Pkt 5c, oz 15c, 2 oz 30c, 1 lb 50c, lb \$1.80.

Large German Drumhead—A good winter variety. Pkt 5c, oz 15c, 2 oz 30c, 1 lb 50c, lb \$1.80.

Largest French Drumhead—Large, solid, and a good keeping variety. Pkt 5c, oz 15c, 2 oz 30c, 1 lb 50c, lb \$1.75.

Dwarf Ulm—Head firm but small, very crisp, curly and fine flavored. Pkt 5c, oz 15c, 2 oz 30c, 1 lb 50c, lb \$1.75.

Red Cabbage

Extra Early Red Dutch

Erfurt—Of a very dark blood-red color. Valuable for pickling. Pkt 5c, oz 15c, 2 oz 30c, 1 lb 50c, lb \$1.75.

Large Late Deep Red Dutch Drumhead

—For pickling, solid and of deep blood-red color, heads very hard and solid. Pkt 5c, oz 15c, 2 oz 30c, 1 lb 50c, lb \$1.80.

Mammoth Red Rock—Selected strain of late red cabbage, heads will average 12 lbs ea. Pkt 5c, oz 20c, 2 oz 40c, 1 lb 60c, lb \$2.



Mammoth Red Rock Cabbage

Carrots.

German—*Möhre*. French—*Carrotte*.

One ounce of seed will sow 100 feet of drill. Four pounds required for one acre.

CULTURE—See "Simmers' Vegetable Garden," a copy of which is free to buyers of our Seeds—ask for it. Price to others 10 cents.

Improved Scarlet Intermediate (Stump Rooted)—This is certainly the best main crop carrot. It is one of the most uniform in shape, and where the soil is favorable it will always grow clean and free from side roots. The core is small and very tender, and there is no indication of woody character at any stage of its growth. It is also entirely free from any coarse, rank flavor so common with many sorts. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 70c.

Ox-Heart or Half-Long Guerande (Stump Rooted)—Intermediate between the half-long and horn varieties, attaining a diameter of three to four inches at the neck, and of most beautiful shape and rich orange color. It is of extra fine quality, and very productive. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 70c.

Chantenay, Half-Long Scarlet—This is the best early carrot in existence, one which market gardeners should plant for their main early crop. The carrots grow about six inches long, are stump rooted, very smooth, deep red, fine grained, sweet and sugary, and are not apt to crack open while growing. An excellent table sort, and a heavy cropper. Our seed is most carefully selected. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 75c.

Early Scarlet English Horn or Half-Long—Very fine and sweet, pointed rooted. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 80c.

Early Very Short Scarlet or Golden Ball—French forcing, the earliest variety, almost as round as turnip radishes, and very sweet; ready for use about five weeks after sowing. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 75c.

Improved Danver's Half-Long—It is of rich orange color, a very heavy yielder and splendid keeper. It is a first-class carrot for all kinds of soils, valuable both for table use and for stock. We have an extra fine strain of this favorite sort, which we have sold for many years, giving the greatest satisfaction to our customers. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 75c.

Large Red Altringham—Large and fine flavored, grown for stock-feeding purposes. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 65c.



Oxheart or Half-Long Guerande Carrot

Improved Long Orange—The well-known and popular old stand-by for late summer and winter use, grown extensively for feeding stock. Pkt 5c, oz 10c, $\frac{1}{4}$ lb 20c, lb 60c.

Simmers' Improved Giant Short White—This field carrot is especially suitable for shallow soil. In shape they very much resemble the Oxheart, excepting the roots grow more to a point. When other varieties require digging, our Giant Short White can be pulled. Flesh and skin are white, and it is considered by those who have grown it much better in quality than any other variety. Pkt 5c, oz 10c, $\frac{1}{4}$ lb 15c, lb 40c; postpaid 45c.

For Field Varieties of Carrots see Agricultural Seeds further on.

CARDOON

The mid-ribs of this vegetable are used while in a tender state, similar to Asparagus, and the young leaves in the form of Spinach. Sow early in May, in rows 2½ feet apart, and thin the plants out to 2 feet in the row. When the plants have attained their full size, bind them together with matting or twine, and earth them up like celery to blanch.

Large Spanish—Pkt 5c, oz 30c, 2 oz 50c, $\frac{1}{4}$ lb \$1, lb \$3.50.

25c.

Worth of Seeds EXTRA is allowed on each ONE DOLLAR sent for Seeds by the PACKET and OUNCE, excepting Cauliflower.



Improved Danver's Half-Long Carrot



Chantenay, Half-Long Scarlet Carrot

CRESS OR PEPPER GRASS

(One ounce will sow about fifteen square feet.)

CULTURE—Sow thickly in shallow drills, very early in spring and every two weeks throughout the season; give occasional waterings. Two ounces will sow ten feet square three times. Use as salad before the flowers appear. Transplant the Water Cress, when well rooted, to the banks of a running stream.

EXTRA CURLED—Standard sort, very fine for salads, may be cut two or three times. Pkt 5c, oz 10c, $\frac{1}{4}$ lb 15c, lb 40c.

Broad Leaved—A large-leaved variety, fine piquant flavor. Pkt 5c, oz 10c, $\frac{1}{4}$ lb 15c, lb 40c.

Upland (*Barbarea Vulgaris*)—Grown as Spinach and used exactly as Water Cress, which it so much resembles in taste that the difference is scarcely discernable, and its use should become more general, as it is of easy culture and earlier, and can be grown easily for two years without resowing. Pkt 10c, oz 40c.

True Water—A well-known hardy perennial aquatic plant, grown abundantly along the margin of running streams. Pkt 10c, oz 40c, 2 oz 75c, $\frac{1}{4}$ lb \$1, lb \$3.50.

CORN SALAD (Lamb's Lettuce or Feticus)

CULTURE—Sow about September or very early in spring, in drills half an inch deep and six inches apart, in rich ground. As the plants are for cutting when young, the seed may be sown pretty thin. Before the cold weather sets in protect with clean straw. It is cut during the winter and early spring for salads, and is most excellent as such.

Broad Leaved—Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 60c.

CHIVES

German—*Schnittlauch*.

Chives are perfectly hardy little perennial members of the onion tribe, and are grown exclusively for their tops, which are used wherever the flavor of onion is required. Planted in small clumps in any common garden soil they will grow readily, and in time increase so as to render a division necessary. The tops appear very early in spring and can be shorn throughout the season, hence this valuable little plant should have a place in every garden.

Seed of the above, pkt 10c.
Roots—Per bunch 25c, postpaid.



Chives

SPECIAL OFFER No. 3—CARROTS

Very Short Scarlet or Golden Ball—Extra early	} One Packet Each For 15c., Postpaid
Oxheart or Guerande	
Scarlet Intermediate	
and Extra Curled Cress	

Cauliflower

French—*Choufleur.*
German—*Blumen Kohl.*

One ounce of seed will produce about 3,000 plants. For plants of Cauliflower, Cabbage, etc., see Page 30.

CULTURE—When grown to perfection this is a most delicious vegetable, and well repays generous treatment in cultivation. With a deep rich soil and an abundance of moisture, which in dry seasons must be applied artificially, Cauliflower can be grown well. Frequent and vigorous hoeing and a liberal supply of rich liquid manure, to keep up a continuous and rapid growth, will produce splendid heads of the most delicate flavor. It facilitates blanching if the leaves are gathered loosely together and tied over the top of the head. For sowing the seed the same general directions as recommended for Cabbages will answer for this crop.

SIMMERS' GILT EDGE—We confidently recommend this as the finest Cauliflower in the world; and it is so pronounced by all growers who have had it. It is of very dwarf, erect habit, with short outer leaves. It can be planted less than two feet apart each way. It is a sure header, every plant forming a large, solid, perfect head of remarkably pure white color, of the finest table quality. It is a surer header, either for early or late sowing, and can be left longer in the field without decaying, than any other sort. It matures immediately after "Snowball," but is a heavier sort. Pkt 25c, $\frac{1}{2}$ oz \$1, $\frac{1}{4}$ oz \$1.75, oz \$3.

Early Snowball—We know of no better type of this variety—very early, smoothly rounded heads, fine grained, compact, even in size. This variety, while at first early, is better adapted generally to fall use than the large late sorts commonly used for that purpose. All we want is that our customers try it—every one who uses Cauliflower, according to his needs—from packets to pounds. It will give satisfaction by the dozen plants or in a dozen acres. The habit of the plant is close growing and compact, and plants can be set closely together, from 18 to 21 inches. Customers have found it, by careful tests, fully equal to the best Cauliflower which they have ever grown. Pkt 20c, $\frac{1}{2}$ oz 70c, $\frac{1}{4}$ oz \$1.35, oz \$2.50, 2 oz \$4.50, $\frac{1}{2}$ lb \$9.

Simmers' Extra Selected Early Dwarf Erfurt—One of the earliest in cultivation; small-leaved dwarf, for forcing or open ground, producing very solid pure white heads of the finest quality. It grows about fifteen inches high, and in ordinary seasons every plant will produce a marketable head. For an all round market gardener's variety, we consider this the best for general outside use. Pkt 20c, $\frac{1}{2}$ oz 70c, $\frac{1}{4}$ oz \$1.35, oz \$2.50, 2 oz \$4.50, $\frac{1}{2}$ lb \$9.

Early Demi-Dur or Half Early Paris—Pkt 5c, $\frac{1}{2}$ oz 40c, oz 70c, 2 oz \$1.30, $\frac{1}{4}$ lb \$2.50.

Late Erfurt Market—An large German variety, well suited for this climate. Pkt 10c, $\frac{1}{2}$ oz \$1, oz \$1.75, 2 oz \$3.

Large Late Le Normand—Short stemmed, produces very close and uniform head, well protected by the foliage, hardy, and stands dry weather. Pkt 5c, $\frac{1}{2}$ oz 40c, oz 70c, 2 oz \$1.30, $\frac{1}{4}$ lb \$2.50.

Large Late Aigiers—An excellent favorite, late variety. Pkt 10c, $\frac{1}{2}$ oz 70c, oz \$1.30, 2 oz \$2.50, $\frac{1}{4}$ lb \$4.50.

Late Italian or Autumn Giant—Attaining enormous dimensions; heads beautifully white, large, firm and compact. Pkt 5c, $\frac{1}{2}$ oz 30c, oz 50c, 2 oz 80c, $\frac{1}{4}$ lb \$1.50.



Simmers' "Gilt Edge" Cauliflower



Early Snowball Cauliflower



Simmers' Extra Selected Early Dwarf Erfurt Cauliflower

German—*Kerbel.* **Curled Chervil** French—*Cerfeuil.*

CULTURE—A very rich herb, similar in growth and flavor to Parsley, and should not be wanting in any kitchen garden. It is sown and treated like Parsley, the directions for sowing which are under that head. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 30c, lb \$1.

German—*Caffewurzel.* **Chicory** French—*Chicoree.*

Culture same as Carrots. **Large Rooted Magdeburgh**—Pkt 5c, oz 10c, $\frac{1}{4}$ lb 15c, lb 40c.

German—*Endivien.* **Endive** French—*Chicoree.*

CULTURE—For early use sow thinly in May, in drills one foot apart, and for a succession, every two or three weeks until mid-summer. A rather moist situation in the garden is preferable. To blanch the leaves gather them carefully together when perfectly dry and tie near the top, and draw up the earth around the plants.

Broad Leaved Imperial Batavian (Escarolle)—It is chiefly used in soups. Per pkt 5c, oz 20c, 2 oz 30c, $\frac{1}{4}$ lb 50c, lb \$1.50.

Early Green or French Moss Curled—Very tender, hardy leaves, dark green and crisp. Per pkt 5c, oz 20c, 2 oz 30c, $\frac{1}{4}$ lb 50c, lb \$1.50.

SIMMERS' CELERY

German—*Selleri*. French—*Celeri*.

Buy the Latest Book on Growing Celery, "CELERY FOR PROFIT," by T. Creiner. Price 30c.

First-Class Seeds, of Equal Quality, Cannot be Bought Anywhere for Less Money.
We Know that SIMMERS' SEEDS are the BEST that Grow.

(For Celery Plants see end of Vegetable List.)

One ounce will sow a bed of nine square yards, and produce about 4,000 plants.—Sow the last of March or early in April, in an open border, in rich, mellow ground, in shallow drills, watering freely in dry weather. By rolling or pressing in the seed, the result will be more satisfactory than when covered. Cut the tops off once or twice before planting out, to make them stalky. When the plants are five or six inches high transplant, the dwarf varieties 3 feet and the taller sorts 4 feet between the rows; plant 6 inches apart in the rows. Cultivate well, and when large enough blanch by earthing up. The first operation is that of "handling"; after the soil has been drawn up with the hoe, it is drawn closer around each plant with the hand, to keep the leaves firm in an upright position and to prevent spreading. When the plants have become "set" in an upright position, and the celery is wanted for early use, they should be "banked." This is done by throwing the soil up as close to the plants as possible with a plough and finishing it with a spade, bringing the earth up nearly to the top of the plants. If it is intended to store away for winter use, the "handling" process is all that is necessary, as the blanching will be done in the trenches. To store for winter use, select well-drained ground, dig trenches one foot wide and deep enough to cover the tops of the plants. Pack the stalks in this in an upright position, covering with boards to shed the water, and in severe weather protect with straw or leaves.

Paris Golden Yellow or Self-Blanching—This variety is now the leading sort in all markets as an early Celery. It is ready for use nearly as early as White Plume, producing dwarfier and much larger bunches of broad, heavy stalks, blanching to a deep golden yellow. The handsome color, crispness, tenderness, freedom from stringiness and nutty flavor of this variety make it only necessary to be tried in order to establish it as the standard of excellence as an early sort. Pkt 10c, oz 60c, 2 oz \$1, 1 lb \$1.75, 1 lb \$8.

Rose Ribbed Paris Golden Self-Blanching—The general color similar to Golden Self-Blanching, except that the naturally golden-colored stalks are suffused with a warm rosy hue, which gradually fades towards

the top of the stalks, where it assumes a bright golden color. Pkt 10c, oz 45c, 2 oz 80c, 1 lb \$1.50.

SIMMERS' SPECIAL DWARF WHITE WINTER

Solid, crisp, of excellent flavor, one of the best white varieties. The past season has again proved this celery to be the best adapted for the home or market on account of its dwarf habit and walnut

flavor and keeping well until spring. Pkt 10c, oz 45c, 2 oz 80c, 1 lb \$1.50.

SIMMERS' IMPERIAL—

When fully grown the outer stalks average two inches wide and are nearly as thick as a man's finger. The immense stalks can be sliced lengthwise, and are always very crisp and brittle, snapping like glass. After growing to a great size it lends itself readily to the blanching process, assuming a rich yellow tinge in the heart, and presenting a very attractive appearance. Pkt 10c, oz 45c, 2 oz 80c, 1 lb \$1.50.

Simmers' Large Ribbed Dwarf White—Perfectly distinct and of a beautiful cream-white color; attains a very large size, is of quick growth, stiff, close habit, the outer ribs standing straight and perfect; a very solid, crisp-eating and delicious variety, keeping well until spring. Pkt 5c, oz 30c, 2 oz 55c, 1 lb \$1, 1 lb \$3.

White Plume—Requires no banking up to blanch; highly recommended to all who wish to procure a first-class celery for early use. Pkt 5c, oz 25c, 2 oz 40c, 1 lb 75c, 1 lb \$3.



Paris Golden Yellow or Self-Blanching

"Pink Plume"—Similar to White Plume, except that the stalks are delicately marked with pink. It also has the rich, nutty flavor of the red celeriacs. Pkt 5c, oz 25c, 2 oz 40c, 1 lb 75c, 1 lb \$3.

Giant Pascal—Of fine nutty flavor, being entirely free from any bitter taste. It grows about 2 feet high and bleaches with slight earthing up. Pkt 5c, oz 20c, 2 oz 35c, 1 lb 60c, 1 lb \$2.

Giant Golden-Hearted Dwarf—An excellent Dwarf White variety, with fine nutty flavor, growing to a large size and keeping well all winter. Pkt 5c, oz 20c, 2 oz 35c, 1 lb 60c, 1 lb \$2.

New Rose—The color is a beautiful shade of rose; of exceptionally fine flavor, solid, crisp. Pkt 5c, oz 20c, 2 oz 35c, 1 lb 60c, 1 lb \$2.

White Solid—Fine nutty flavor. Pkt 5c, oz 15c, 2 oz 25c, 1 lb 40c, 1 lb \$1.50.

Carter's Incomparable Dwarf Crimson—Keeps well, and is of a fine, nutty flavor. Pkt 5c, oz 20c, 2 oz 35c, 1 lb 60c, 1 lb \$2.

Turnip-Rooted Erfurt Giant, or Celeriac—Pkt 5c, oz 20c, 2 oz 35c, 1 lb 60c, 1 lb \$2.

Flavoring Celery—Oz 5c, 1 lb 15c, 1 lb 40c; postpaid 45c.



Simmers' Imperial Celery



Simmers' Special Dwarf White Winter Celery, the best in cultivation for market gardeners and private gardens.

SPECIAL OFFER No. 4 Celery

White Plume—Early.

Paris Golden Yellow—Medium.

Simmers' Special Dwarf White Winter—Late.

ONE PACKET OF EACH
For 20 Cents

SIMMERS' SWEET CORN FOR TABLE USE

NOTE—Add five cents per pound to the following prices of Corn when wanted by mail

N.B.—Special quotations given to Cannors and others requiring Corn in quantities
One pound will plant about 100 hills, one peck, one acre in hills



Mammoth White Cory Corn

EARLY VARIETIES

Simmers' First of All—Earliest of all, ready three days to a week earlier than Cory; in habit of growth it is more dwarf and of superior quality, very sweet and tender; a large number of the ears have 10 to 12 rows, while the Cory generally has 8 rows. Pkt 5c, lb or pt 15c, qt 25c, 5 lbs 50c, 10 lbs 85c.

Mammoth White Cory—This strain is nearly as early as the original Cory, while the ears are of larger size. The cobs being white, the grains are entirely free from the dark tinge noticeable in the original strain. The ears retain the pearly whiteness of the grains when cooked. Pkt 5c, pt 15c, qt 25c, 5 lbs 50c, 10 lbs 90c.

Sheffield—A new extra early hardy variety, the result of a cross between the Cory and the Extra Early Adams. Can be planted as early as the Adams. Juicy, and of fine, sweet flavor if gathered at the proper stage. Pkt 5c, pt 15c, qt 25c, 5 lbs 50c, 10 lbs 90c.

Kendel's Early Giant—The ears grow to a very large size. Kernels pure white, sweet and tender. Pkt 5c, lb 15c, qt 25c, 5 lbs 60c, 10 lbs \$1.00.

Nonsuch Sugar—Medium early, wonderfully productive, but above all, of the finest flavor. Pkt 5c, pt 15c, qt 25c, 5 lbs 50c, 10 lbs 90c.

Early Red Cory—Very sweet and of rich flavor; desirable for private or market gardens. Extra early. Pkt 5c, lb 10c, qt 20c, 5 lbs 45c, 10 lbs 80c.

Early White Cory—A selection of the Cory, of the same character in all respects, except that it has a white cob and kernels. Pkt 5c, pt 15c, qt 25c, 5 lbs 50c, 10 lbs 90c.

Early Minnesota—One of the best early varieties, and of good quality. Pkt 5c, lb or pt 15c, qt 25c, 5 lbs 50c, 10 lbs 90c.

Early Crosby Sweet—One of the largest early, rich sugary flavor, very productive. Pkt 5c, lb or pt 15c, qt 25c, 5 lbs 50c, 10 lbs 90c.

Black Mexican Sweet—A black grained variety, sweet and tender. Must be cooked young to avoid blackening when cooked. Pkt 5c, lb or pt 15c, qt 25c, 5 lbs 50c, 10 lbs 90c.

MEDIUM EARLY VARIETIES

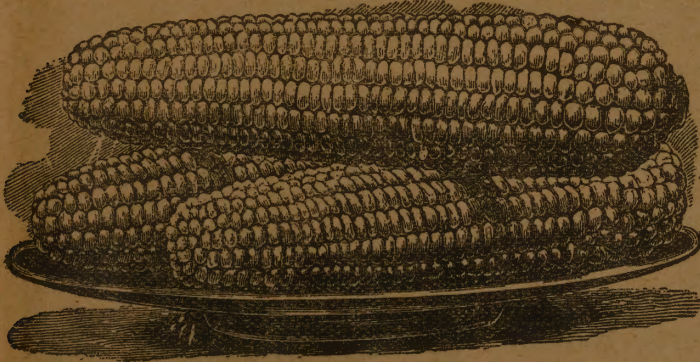
IMPROVED NE PLUS ULTRA (Country Gentleman)—Sweet and tender and most productive, the stocks averaging three ears, sometimes as many as five; kernels and cobs are pure white. Pkt 5c, pt or lb 15c, qt 25c, 5 lbs 50c, 10 lbs 90c.

Perry's Hybrid Sugar—Second early, with large ears, white, deliciously sweet and tender. Our stock for 1903 is selected. Pkt 5c, lb or pt 15c, qt 25c, 5 lbs 50c, 10 lbs 90c.

Triumph—Said to be the earliest of the large varieties, flavor rich and sweet. Pkt 5c, pt 15c, qt 25c, 5 lbs 50c, 10 lbs 90c.

Honey Sweet—A most productive variety, bearing three to four good large ears on a stalk, growing vigorously, and coming in as early as Moore's Concord. Pkt 5c, pt 15c, qt 25c, 5 lbs 50c, 10 lbs 90c.

Moore's Early Concord Sweet—One of the largest early varieties. Pkt 5c, lb or pt 15c, qt 25c, 5 lbs 50c, 10 lbs 90c.



Stowell's Evergreen Corn

LATE VARIETIES

Stowell's Evergreen—The best late sweet corn in every way. Being large eared, hardy and productive, sweet and tender, and remaining a long time in condition suitable for cooking; there is no other late Sweet Corn which can compare with it. Our seed being most carefully selected for depth of kernels, size of ears and freedom from flint and glaze, we know that it will give entire satisfaction. Pkt 5c, lb 15c, qt 25c, 5 lbs 50c, 10 lbs 90c.

Early Evergreen—This distinct new strain possesses the characteristics which have made Stowell's Evergreen so deservedly the favorite for main crop, but produces ears fit to use from one week to ten days earlier. While about one-third smaller, the ears are of typical Stowell's type and of the same fine quality. Pkt 5c, pt 15c, qt 25c, 5 lbs 50c, 10 lbs 90c.

Zig-Zag Evergreen—It comes in about eight days ahead of Stowell's Evergreen; the kernels very much resemble this variety, but grow on the cob in zig-zag fashion. Pkt 5c, lb 15c, 2 lbs 25c, 5 lbs 50c, 10 lbs 90c.

Egyptian Sweet, or Washington Market—A fine large variety, somewhat resembling the Evergreen. Pkt 5c, lb or pt 15c, qt 25c, 5 lbs 50c, 10 lbs 90c.

Mammoth Sweet—An excellent variety, producing unusually large and perfect ears. Pkt 5c, lb or pt 15c, qt 25c, 5 lbs 50c, 10 lbs 90c.

Tuscarora White—This is a late variety, with large ears and flour-white kernels. Pkt 5c, lb or pt 10c, qt 20c, 5 lbs 45c, 10 lbs 80c.

POP CORN

Pearl—Smooth-grained ears. Pkt 5c, lb or pt 10c, qt 20c, 5 lbs 40c, 10 lbs 75c.

White Rice—A very early, fine white variety, kernel pointed. Pkt 5c, lb 10c, qt 20c, 5 lbs 40c, 10 lbs 75c.

French—Chou.

COLLARDS German—Blätter-Kohl.

Georgia, Southern or Creole—Sow thick in drills, in rich ground, transplanting them when four inches high, or sow in drills where the plants are to remain, and thin to two or three feet apart in the row, when the proper size. Pkt 5c, oz 15c, 2 oz 25c, 1 lb 40c, 1b \$1.50.

Loewenzahn.

DANDELION Dent-de-Lion.

Dandelion is fast becoming the favorite spring green on the market. **Thick-Leaved**—An improvement on the common sort, the leaves being double the size. Pkt 10c, oz 40c.

EGG PLANT

(One ounce will produce 1,000 plants.)

CULTURE—Sow in a hot-bed for early crops, or very early in the spring in shallow drills in a warm, sheltered, dry situation, in the open ground, and protect by hand glasses. Transplant when warm weather in, into well-enriched ground 12 inches apart and 20 inches from row to row. The fruit, when ripe, is sliced, well spiced and fried.

The New York Improved Large Purple Spineless—Very large and smooth, and of fine dark color. Ours is the Spineless plants, most preferred by our market gardeners. We make the most careful selection of our stock plants and know them to be unsurpassed for the market. Pkt 10c, oz 50c.

The Pearl—Large and fine, with an attractive pure white skin. Pkt 10c, oz 50c.

Long Purple—Very hardy, early and productive. Pkt 5c, oz 40c.

Long White—Pkt 10c, oz 60c.



Egg Plant, New York Improved Spineless

Early Purple Dwarf—About three to five weeks earlier than any other variety. Pkt 10c, oz 50c.

The Three Best Sorts of SWEET CORN for Succession :

**EARLY WHITE CORY
PERRY'S HYBRID
STOWELL'S EVERGREEN**

SPECIAL OFFER No. 5

One packet each of the 3 kinds, postpaid, 15c;	at buyers expense—
One pint " " " " 55c;	45c.
One quart " " " " 95c;	70c.

To secure a further succession, we consider the following the most suitable sorts: MAMMOTH CORY, MOORE'S EARLY CONCORD, COUNTRY GENTLEMAN, EARLY EVERGREEN

Cucumber

German—*Gurken*. French—*Concombre*.

Our Cucumber Seed is carefully selected stock seed, pure and true to name.

One ounce will plant fifty hills; two pounds will plant one acre.

Rollison's Telegraph
Cucumber

SIMMERS' IMPROVED EXTRA EARLY WHITE SPINE—This private strain of Extra Early White Spine is, beyond a doubt, the most thoroughbred, uniform and shapely variety known. We recommend it not only for first early but for general crop. It excels in earliness, often being ready for slicing when other sorts are only pickles. In purity it is unequalled. The vines are vigorous growers. It is an excellent variety for slicing and makes a choice pickle; straight and smooth; a great bearer, keeps green much longer than the yellow varieties, and no sort excels it in crispness and fine flavor. Selected seed. Pkt 5c, oz 15c, 2 oz 25c, 1 lb 40c, lb \$1.80.

"The Emerald"—This variety is strictly an evergreen, holding its color until fully ripe. It is very attractive in its rich dark green color and spineless skin. The flesh is crisp and tender; highly recommended for slicing. Makes an excellent pickle when young, and a fine sweet pickle when matured. Pkt 5c, oz 15c, 2 oz 25c, 1 lb 40c.

Simmers' Improved Long Green—The best for general crop, fine long fruit, firm and crisp. Pkt 5c, oz 15c, 2 oz 25c, 1 lb 40c, lb \$1.80.

Westerfield's Chicago Pickling—It is exceedingly prolific, bearing small, well-formed fruit, covered with spines, and of an unusual deep green. Pkt 5c, oz 15c, 2 oz 25c, 1 lb 40c, lb \$1.80.

Paris Pickling—The best of all in quality for pickling. The young cucumbers, when of the proper age for pickling, are slim and slender, from three to five inches in length. When ready for pickling they show absolutely no sign of seeds, and are of an unusual dark green color. Pkt 5c, oz 20c, 2 oz 35c, 1 lb 60c.

White Wonder—About eight inches long; the skin is thin, while the pearly white flesh is exquisitely fine in quality, quite brittle, and remains solid for a long time. Pkt 5c, oz 15c, 2 oz 25c, 1 lb 40c, lb \$1.80.

"Cool and Crisp"—While primarily a pickling variety, it is also most useful for slicing, the cucumbers when fully matured being of good size and exceedingly tender and crisp. Pkt 5c, oz 15c, 2 oz 25c, 1 lb 40c, lb \$1.80.

Japanese Climbing—While all cucumbers are running vines, yet this variety is much more creeping or climbing in its habit. The quality is splendid and well adapted for pickling as well as for slicing. Pkt 5c, oz 15c, 2 oz 25c, 1 lb 40c, lb \$1.40.

Livingston's Evergreen—A very strong grower, but extra early, and the best in flavor, bearing firm, crisp fruits, either for pickling or slicing. Pkt 5c, oz 15c, 2 oz 25c, 1 lb 40c, lb \$1.80.

Nichol's Medium Green—As a pickle for early forcing purposes or for slicing there is no better variety. It is exceedingly productive, of medium size, always straight and smooth. The color is dark green, the flesh tender and crisp. Pkt 5c, oz 15c, 2 oz 25c, 1 lb 40c, lb \$1.40.

The Pride of Canada—For forcing and outdoor culture, fine flavored fruit, of snowy white texture, great length, containing but few seeds. Pkt 10c, 3 pkts 25c.

Giant Pera—A long, smooth, straight, dark-green cucumber, 13 inches long. Flesh white, crisp, tender, and free from all bitterness. Pkt 5c, oz 15c, 2 oz 30c, 1 lb 50c, lb \$1.75.

	Pkt.	oz.	2 oz.	1 lb.	lb.
Early Frame	5	15	30	40	.....
Early Cluster	5	15	25	40	\$1 30
Siberian	5	15	25	40	1 30
Boston Pickling or Green Prolific	5	15	30	50	.....
Early Russian or Moromian Cherken	5	15	25	40	1 30
West India Gherken or Burr—Only for pickling	5	15	25	40	1 40

LONG GREEN.
CUCUMBERS
NICHOLS MEDIUM GREEN.

GIANT PERA.

EARLY CLUSTER.

IMPROVED
EARLY WHITE SPINE.

English Sorts

For Hot-Beds and Greenhouses

The Model—A very choice variety, producing handsome cucumbers of wonderful size. Pkt 20c, 1 oz \$2.50.

Blue Gown—A very fine black spined variety, 18 to 24 inches long, smooth. Pkt 20c, 1 oz \$2.25.

Marquis of Lorne—A highly esteemed variety of handsome form and fine flavor, 24 to 30 inches long. Pkt 20c, oz \$2.25.

Rollison's Telegraph—Very prolific, early, crisp, and of superior quality. Pkt 20c, 1 oz \$1.75.

Mixture—Of the foregoing English sorts. Highly recommended for forcing or outdoors. Pkt 10c, 1 oz \$1.25.

German—*Knoblauch*.

Garlic

French—*Ail*.

Used for flavoring soups, stews and other dishes. Garlic thrives best in a light, well-enriched soil; the sets should be planted in early spring in rows one foot apart, and from one to five inches in the rows.

Garlic Sets—Per oz 5c, 1 lb 10c, lb 25c, postpaid 80c; 5 lb \$1.10, carriage extra.

Gourds

Japanese Nest Egg—These exactly resemble in color, shape and size, the eggs of hens, making a capital nest egg, which are superior to glass eggs, as they do not crack or break, and are uninjured by cold or wet. As the plant is a very rapid growing climber it is very useful for covering screens, etc. Pkt 5c, oz 25c.

Dipper—Named for its resemblance to a dipper. The capacity varies from a pint to a quart, with handles 6 to 12 inches long. They are convenient for dipping hot liquids, etc. Pkt 5c, oz 25c.

Luffa or Dish Rag—A native of the East Indies, and in its nature has furnished us with a vegetable dish-cloth, the seeds being enveloped in a sponge-like cloth, which is tough, elastic and durable. Pkt 5c, oz 25c.

Sugar Trough—Very useful for baskets, dishes, buckets, etc. They have hard, thick shells, lasting for years, and capable of holding from 2 to 10 gallons each. Pkt 5c, oz 25c.

Mixture—A collection of the most ornamental, including all the above. Pkt 10c, 3 pkts 25c, 7 pkts 50c.

Horse Radish

Sets—Good strong ones, ready for sale at any time. 10c each, 4 for 25c, 75c per dozen postpaid.



LETTUCE . . .

(One ounce will sow 150 feet of drill.) German—*Lattich Salat*. French—*Laitue*.

CULTURE—Lettuce requires a good soil in order to obtain the crispness, juiciness and delicate flavor for which they are so much esteemed. Several sowings are requisite during the season. The first may be obtained in a hotbed in February. A sowing may be made in the open ground as soon as it can be worked, after this every two weeks until July if a constant succession is required. Sow thinly, in drills or broadcast, quarter of an inch deep, and transplant a foot apart in the richest soil. Hoe frequently, and in dry weather water plentifully.

SIMMERS' NONPAREIL CABBAGE

This remarkable variety, first introduced by us a few years since, has rapidly grown in popularity among gardeners, who all agree in pronouncing it one of the best lettuce they have ever grown for forcing under glass in hotbed and greenhouse, and equally valuable for growing in cold frames and in open ground during the hottest summer months. It is a beautiful light yellowish green color, and of very superior even quality. It has the peculiarity of forming a solid head, even before half grown. Its uniform, handsome and even growth is unequalled by any other lettuce. It is the shyest seeder and slowest to shoot to seed of any lettuce we have ever grown. It is decidedly the best and easiest grown of all lettuce for both the family and market gardener. Pkt 5c, oz 20c, 2 oz 35c, ½ lb 60c, lb \$2.

"Golden Queen"—A very desirable early variety of a most pleasing golden yellow color, and second to none for forcing. It is very crisp, tender and juicy. Pkt 5c, oz 15c, 2 oz 25c, ½ lb 35c, lb \$1.

"Wonderful" Lettuce—It is a very large head variety, excellent for furnishing fine, crisp, well-blanching lettuce during the hot summer months. The heads are large, tightly folded, and the inner leaves blanched to a pure white. Heads stand for quite a long time, even in hot summer weather before running to seed. Pkt 5c, oz 15c, 2 oz 25c, ½ lb 35c, lb \$1.

Grand Rapids—Of handsome appearance, a strong grower, very crisp and tender and not apt to rot, and will keep from wilting longer than any other. Pkt 5c, oz 15c, 2 oz 25c, ½ lb 35c, lb \$1.25.

Hanson—Producing heads of a remarkable size, tender and crisp, beautiful green without and white within, heads sometimes weighing 2½ to 3 lbs. Pkt 5c, oz 15c, 2 oz 25c, ½ lb 35c, lb \$1.20.

The Gardeners' Favorite—One of the best heading varieties, suitable either for forcing or outdoor cultivation. Heads large and solid. Pkt 5c, oz 15c, 2 oz 25c, ½ lb 40c, lb \$1.50.

Toronto Market—Heads large, very solid and good flavored. Color yellowish green, and suitable for forcing and open air cultivation. Pkt 5c, oz 15c, 2 oz 25c, ½ lb 40c, lb \$1.50.

Asparagus Lettuce—The leaves are long and conical, often 18 inches high, and become as stiff, crisp and sweet as celery stalks. Pkt 5c, oz 15c, 2 oz 25c, ½ lb 35c, lb \$1.40.

Simpson's Early Curled Cabbage (White Seeded)—Suitable for forcing. Pkt 5c, oz 15c, 2 oz 25c, ½ lb 35c, lb \$1.25.

Simpson's Early Curled Cabbage (Black Seeded)—Forms large, loose heads of thin and exceedingly tender golden yellow leaves. It stands the summer heat splendidly. Pkt 5c, oz 15c, 2 oz 25c, ½ lb 35c, lb \$1.25.

Green Curled Silisian—A very ornamental and most beautiful variety, of a very delicate shade of green, with the inner part of the leaves white; the edges are beautifully cut and fringed. Pkt 5c, oz 15c, 2 oz 25c, ½ lb 35c, lb \$1.20.

Big Boston—Similar to the famous Hanson Cabbage Lettuce, but double the size. Its solidity and greater size make it a most desirable variety. Pkt 5c, oz 15c, 2 oz 25c, ½ lb 35c, lb \$1.25.

Unrivalled or Improved Big Boston Cabbage Lettuce—This new variety possesses all the good qualities of the Big Boston, viz: earliness, good size, attractive light green color, etc., and it has besides a few more that make it specially valuable for the private garden. It may be sown almost the whole year around; it keeps its head remarkably well during the summer heat, remaining crisp and solid when other varieties become tough and flabby. Pkt 10c, oz 40c.

	Pkt.	oz.	2 oz.	½ lb.	lb.
New Cos Celery Lettuce—Trianon Self-Closing	5c	15c	25c	40c	\$1 50
Paris White Cos	5	15	25	35	1 25
Paris Green Cos	5	15	25	35	1 25
Denver Market	5	15	25	35	1 25
Silverball Cabbage	5	20	35	60	2 00
Green Fringed or California Curled	5	15	25	35	1 25
Tennis Ball	5	15	25	40	1 50
Drumhead or Maltese Cabbage	5	15	25	35	1 00
Victoria Red-Edged Cabbage	5	15	25	35	1 25



Kohl Rabi

SPECIAL OFFER NO 6

4 Best Lettuce:

Nonpareil Cabbage . . . } Each 5c per pkt.,
Big Boston . . . } or the
Wonderful . . . } Four for 15c.
Golden Queen . . . }

German—*Kohl Rabi*. **KOHL RABI** French—*Chou-rabe*.
A vegetable intermediate between the Cabbage and the Turnip. It is rather difficult to transplant, and it is generally preferable to sow the whole crop from seed and thin out where it stands to 8 inches in the row.

Early White Vienna—Flesh white and tender, best market sort, excellent for table use. Pkt 5c, oz 20c, 2 oz 35c, ½ lb 60c, lb \$2.

Early Purple Vienna—Similar to the preceding except in color. Pkt 5c, oz 20c, 2 oz 35c, ½ lb 60c, lb \$2.

German—*Lauch*.

LEEK

French—*Poireau*.

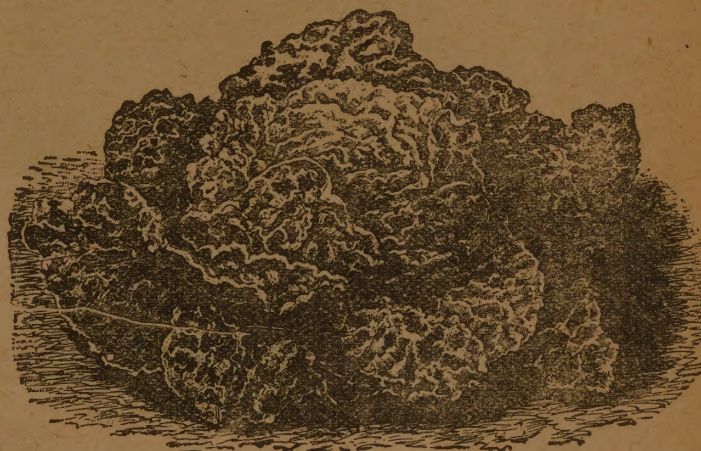
One oz. will sow a drill of about 100 feet. **CULTURE**—See Simmers' "Vegetable Garden," a copy of which is free to buyers of our seeds; ask for it. Price to others 10c.

Large Scotch or Broad Leaved Flag—Pkt 5c, oz 15c, 2 oz 25c, ½ lb 35c, lb \$1.25.

Large Musselburgh or Monstrous Carentan—Pkt 5c, oz 15c, 2 oz 25c, ½ lb 40c, lb \$1.50.



Simmers' Nonpareil Cabbage Lettuce



Golden Queen—First Early Head Lettuce



Unrivalled or Improved Big Boston Cabbage Lettuce



Leek

SIMMERS' MUSKMELONS

German—Melonen.

French—Melon.

(One Ounce will Plant about Fifty Hills.)

CULTURE—Melons thrive best in a light, rich soil. Plant early in May, when the ground has become warm and dry, in hills 6 feet apart each way for Muskmelons, 8 feet for Watermelons. Previous to sowing the seed mix a few shovelfuls of well-rotted manure on each hill, and plant in each 12 to 15 seeds; after all danger of bugs is over thin out to 3 plants per hill. When about one foot long pinch off the tips to make them branch, as it strengthens the growth of the vines and makes the fruit mature earlier. Be careful not to plant pumpkins or squashes near them as they will hybridize. A few hills for early use may be had by sowing on pieces of sod in a hotbed, and when warm enough transplant to open ground.

Simmers' Dominion Green Flesh—The fruit is nearly round, flattened at the ends, deeply and very regularly ribbed; skin green, densely netted; flesh remarkably thick, light green, melting and of a delicious flavor. They are very regular in shape, and uniformly grow to a large size. To all who raise, to grow the handsomest possible melons for exhibition, or extra large fine melons for market, we highly recommend the Dominion Green Flesh. Pkt 10c, oz 40c, 2 oz 60c, $\frac{1}{4}$ lb 90c, lb \$3.

Paul Rose, or Petosky—In this sort we have a Melon that will give perfect satisfaction to all growers, both for market and home garden. It is a cross between the Osage and the Netted Gem, combining the sweetness of the former with the fine gray netting of the latter, making it a handsome Melon. The fruit averages about five inches in diameter, and is oval in form. The flesh is thick and firm, a deep salmon or orange color, most delicious and appetizing. Pkt 5c, oz 15c, 2 oz 20c, $\frac{1}{4}$ lb 30c, lb \$1.



Paul Rose Muskmelon

Tip-Top—Quite distinct in appearance, this new Melon is of the finest quality. Flesh yellow, sweet, juicy and firm, but not hard fleshed. Fruit ribbed and beautifully netted. Pkt 5c, oz 15c, 2 oz 20c, $\frac{1}{4}$ lb 30c, lb \$1.



Tip-Top Muskmelon

does to the red-fleshed, in every respect the best. Pkt 5c, oz 15c, 2 oz 20c, $\frac{1}{4}$ lb 30c, lb \$1.

Princess—Nearly round in shape, heavily netted, dark green skin. The flesh is of a rich salmon color, thicker than in any other melon, and in flavor is sweet and luscious beyond description. They ripen early and grow to a good size, frequently weighing from 8 to 10 pounds each; vines often produce 6 to 8 perfect melons. Pkt 5c, oz 15c, 2 oz 20c, $\frac{1}{4}$ lb 30c, lb \$1.

Skillman's Fine Netted—The best early kind, green flesh and luscious flavor. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 30c, lb \$1.



Simmers' Dominion Green

The Banquet—A good medium-sized melon, very flat at both ends, and more beautifully netted than any other variety. In quality it is unequalled, the flesh is uniformly deep, color dark rich salmon. Pkt 5c, oz 15c, 2 oz 20c, $\frac{1}{4}$ lb 30c, lb \$1.

Emerald Gem—This variety is of rich, delicious flavor and fine quality. Distinct, very early and prolific; skin ribbed, yet smooth, and of a deep emerald green, with a few lighter-colored stripes. The flesh is thick, of a suffused salmon color. Specially recommended to those who wish a highly flavored fruit. Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.40.

Montreal Green Nutmeg—A beautiful, round netted, deep-ribbed variety, luscious and sweet, ripening freely under ordinary care, and fruit of enormous size, sometimes weighing from 30 to 40 pounds. Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.25.

Extra Early Netted Gem, or Rocky Ford—Oval strain, one of the earliest, best and most prolific small melons. Oval shape, uniform in size, flesh light green, of very fine flavor, a popular variety with market gardeners as it is very uniform and an excellent shipper. Pkt 5c, oz 15c, 2 oz 20c, $\frac{1}{4}$ lb 30c, lb \$1.

Jersey Belle—Although not quite as early as the Hackensack, does best on light soils, and will develop perfectly even on white sand. It is of beautiful shape, a little flattened on the ends, deeply ribbed and heavily netted, indicating by its outward appearance, the exquisite quality of the beautiful green flesh within. Pkt 5c, oz 15c, 2 oz 20c, $\frac{1}{4}$ lb 30c, lb \$1.

Early Hackensack—A green variety, growing to a large size, very productive and of exquisite flavor. Pkt 5c, oz 15c, 2 oz 30c, $\frac{1}{4}$ lb 40c, lb \$1.40.



Early Hackensack Muskmelon

Miller Cream or Osage—A remarkably good variety, of large size and delicious flavor, flesh rich salmon, very thick and solid. Pkt 5c, oz 15c, 2 oz 20c, $\frac{1}{4}$ lb 30c, lb \$1.

Early Yellow Cantaloupe—Very fine flavor, round, flesh reddish orange, and early and productive variety. Pkt 5c, oz 15c, 2 oz 20c, $\frac{1}{4}$ lb 30c, lb \$1.

Surprise—Red flesh. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 80c.

Mango Melon (Vegetable Peach, Vine Peach)—The fruit is about the size of a large peach or orange, oval-shaped, and of a bright orange-yellow color, somewhat russeted outside, flesh is snow-white. For sweet pickles, pies or preserving they are superb. Pkt 5c, oz 10c, 2 oz 20c, $\frac{1}{4}$ lb 30c, lb \$1.

Garden Lemon

Resembles the Vegetable Peach in growth and shape of fruit, but is distinct in that the unripe fruit is striped with very dark green, almost black, while the Vegetable Peach is plain, and when ripe is not russeted like the Mango Melon. Pkt 5c, oz 15c, 2 oz 20c, $\frac{1}{4}$ lb 30c, lb \$1.

Citron

Citron—For preserves, striped and marble light green, flesh white and solid. Pkt 5c, oz 15c, 2 oz 20c, $\frac{1}{4}$ lb 30c, lb \$1.

"Colorado Preserving"—Most prolific, flesh firm and solid, large size, preserving qualities the best. Pkt 5c, oz 15c, 2 oz 20c, $\frac{1}{4}$ lb 30c, lb \$1.



Citron, for Preserving

YOU TAKE NO RISK in ordering 'SIMMERS' SEEDS direct by mail and you have the great advantage of being able to select just what you want from this Complete Catalogue of all the Best Seeds.

WATERMELONS

German—*Wasser Melone*. French—*Melon d'eau*.

CULTURE—Same as Muskmelon. (One ounce will plant about 30 hills.)

Vick's Early—Oblong, smooth, rather small, flesh bright pink, solid, sweet and early. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 80c.

COLE'S EARLY—Very hardy, a sure cropper, and extremely delicate in texture of flesh, which is of dark red color. Medium size, nearly round in shape, rind green, striped with lighter shades. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 80c.

Stoke's Extra Early—Without doubt one of the earliest of all. Nearly round, dark green skin, slightly mottled with white. The flesh is deep scarlet, remarkably solid, and in delicious sugary flavor is unsurpassed. Their average weight is about 15 pounds. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 80c.

Kleckley's Sweet—Large oblong Melon, 20 inches in length by 10 to 12 inches in diameter, somewhat tapering at the ends. The skin is dark green, flesh bright scarlet, ripening close to the skin, the rind being only about one-half inch in thickness. The scarlet flesh is sweet and sugary, and is of such texture that it leaves no strings of pulp whatever in eating. Pkt 5c, oz 15c, 2 oz 20c, $\frac{1}{4}$ lb 30c, lb \$1.

McIver's Wonderful Sugar—A large oblong melon of hand some appearance. Skin shows broad bands of white, with narrower ones of green. Its soft pink flesh is crisp and juicy, and solid to the centre. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 80c.

Phinney's—Oblong, bright red flesh, sweet, tender, well flavored, very productive and early. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 80c.

Nabob—A very large, solid, heavy melon of splendid keeping qualities. Slightly oblong in shape. Color dark green. Medium early and of magnificent keeping qualities. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 80c.

Seminole—Large size and delicious flavor. Flesh a vivid crimson color, crisp, and sugary. The melons are of two colors, gray and light green, the latter a darker coloring of the former. Melons of both colors are found on the same vine, and are exactly the same in shape, size, color of seed, flavor and quality. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 80c.

Improved Long Dixie—A cross between Knob's Gem and Mountain Sweet, surpassing the former in shipping qualities and fully equalling the latter in fine eating quality and flavor, being a week to ten days earlier than either, with a remarkably thin rind almost impenetrable, which preserves it for great length of time. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 80c.

Cuban Queen—Beautifully striped, bright red flesh, solid, luscious, crisp and sugary. Pkt 5c oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 80c.

Black Spanish Early—Red core, very delicious, skin dark green. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 80c.

Mountain Sweet—Fruit oblong, dark green, rind thin, solid, very sweet and delicious. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 80c.

German—*Senf*. **MUSTARD** French—*Moutarde*.

(One ounce will sow about 50 feet of drill.)

CULTURE—Sow rather thickly in rows in a hotbed as early as possible in the spring, or in the open ground in May. Repeat the sowing about every fortnight for a succession. It is cut and mixed with cress for salad when about two inches high.

White—For salad or medicinal purposes. Pkt 5c, oz 10c, $\frac{1}{4}$ lb 15c, lb 30c.

Brown—For seasoning, more pungent in flavor than the White. Pkt 5c, oz 10c, $\frac{1}{4}$ lb 15c, lb 30c.

Chinese Curled, or Southern Giant—Leaves twice the size of the ordinary White Mustard, stems more succulent, of deeper green, flavor pleasantly sweet and pungent. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 30c, lb \$1.

NASTURTIUM (Or Indian Cress)

(One ounce will sow about 30 feet of drill.)

CULTURE—Sow about the middle of May in the open ground, one inch deep, in patches, and train them to sticks. The seed, when young and tender, are picked as a substitute for capers, to which some prefer them. The leaves are eaten in salad, and are very tasty; are also used as a garnish.

Tall Mixed Nasturtium—Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 30c, lb \$1.

Dwarf Mixed Nasturtium—Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 35c, lb \$1.25.

MARTYNIA

Martynia Proboscidea—The best variety for pickles. Sow in May or June, at least three feet apart. Pkt 5c, oz 30c, 2 oz 55c, $\frac{1}{4}$ lb \$1, lb \$3.

German—*Champignonbrot*.

Mushrooms

French—*Champignon*.

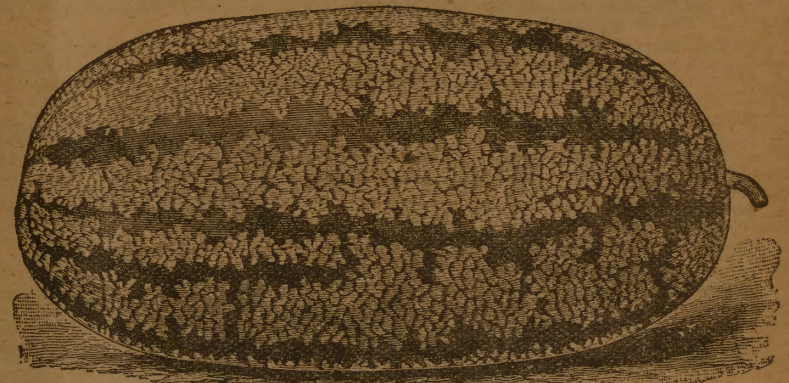
The general use of Mushrooms as a delicious and wholesome dish has been somewhat limited, owing to the extremely high price this article generally commands on the market. But there is no excuse why everyone that has a few feet available, may it be in a dark cellar, barn or shed, where the temperature can be maintained at from 50 to 60 degrees, should not have his table abundantly supplied with Mushrooms throughout the greater part of the year. It is only a question of time when, instead of being a luxury, Mushrooms will be as commonly served with our meats as onions are to-day. Considering the abundance of the necessary materials in all parts of our country, both in city and farm, and the high estimation in which the Mushroom is held, it is plainly demonstrated that the cultivation of Mushrooms is in its infancy in our country. The best results have been obtained by the use of our superior English Mushroom Spawn, known as J.A.S. or J. A. Simmers' Prolific, which is largely used by the most successful growers around Toronto. Full and explicit instructions are contained in our circular, "How to Grow Mushrooms Successfully," which we will mail for 10c, or free with orders for two bricks.

Imported English Spawn—Made up in large bricks, 20c each, postpaid 25c. By express, per doz \$1.50, per 25 \$2.50.

Imported French Spawn—Loose, in two boxes, of the size generally wanted by Mushroom growers, \$1 each, postpaid \$1.15. By express, \$3.50 per dozen boxes.



Kleckley's Sweet Watermelon



McIver's Wonderful Sugar

Special Offer No. 7

Tip-Top Muskmelon

Paul Rose Muskmelon

Citron for Preserves

Black Spanish Early Watermelon

One Packet Each For 15 Cents



Cole's Early Watermelon



Mushrooms

Simmers' Onion Seed

German—Zwiebel, French—Oignon.

(One ounce will sow 100 feet of drill; 4 to 5 pounds per acre.)

CULTURE—The onion thrives best in a rather deep, rich, loamy soil, and unlike most vegetables, succeeds well when cultivated on the same ground for successive years. The best culture requires that the ground should be deeply trenched and manured the previous autumn, and laid up in ridges during the winter to pulverize. As early in the spring as the ground is in working order, commence operations by leveling the ground with a rake, and tread it firmly; sow thinly, in drills about a quarter of an inch deep and one foot apart; cover with fine soil and press down with the back of a spade or a light roller. When the young plants are strong enough, thin gradually so that they stand three or four inches apart. Keep the surface of the ground open and free from weeds by frequent hoeing, taking care not to stir the soil too deeply, or to collect it about the growing bulbs.

Yellow Varieties

LARGE YELLOW GLOBE DANVERS—The most popular yellow onion all over the country. Our strain of seed has been selected most carefully, the flatter onions being thrown out. The name "Globe" in this connection must be taken comparatively, as the **True Danvers Onion** is never so perfectly globe-shaped as the **Southport Yellow Globe**. All the perfectly globe-shaped varieties are later maturing than the **Yellow Globe Danvers**. We cannot too strongly recommend our seed of this variety; from careful trials we know it is unsurpassed by any strain. Pkt 5c, oz 15c, 2 oz 20c, ¼ lb 30c, ½ lb 90c.

Large Yellow Flat Danvers—In quality, size and productiveness, equal to the preceding, but flat in shape. Pkt 5c, oz 15c, 2 oz 20c, ¼ lb 30c, ½ lb 90c.

Large Yellow Strasburg or Dutch—One of the oldest varieties, good keeper and fine flavored. Pkt 5c, oz 15c, 2 oz 20c, ¼ lb 30c, ½ lb \$1.00.

Extra Early Yellow Cracker—It is the earliest of the yellow onion sorts of superior quality, and like the Extra Early Red is an excellent kind to raise where the seasons are short, and often profitable to the market gardener who brings the first ripe onions to the market. Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 35c, ½ lb \$1.30.

PRIZE TAKER—This is a large, beautiful onion that is offered for sale in the fruit stores and in the markets of all large cities. They are of enormous size, averaging 14 to 16 inches in circumference. Although of such great size they are very hardy, and a very fair winter keeper. The outside skin is of a rich yellow color, while the flesh is white, sweet and tender. (See cut). Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 40c, ½ lb \$1.40.

Southport Yellow Globe—Same shape as White Globe, color yellow, an excellent keeper. Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 35c, ½ lb \$1.30.

Giant Yellow or Lemon Rocca—Very handsome shape with flattened top. They grow to measure 5 inches in diameter. Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 40c, ½ lb \$1.40.

Australian Brown—Is of medium size, wonderfully hard and solid, and most attractive for market, both as to form and appearance. They are extremely early in ripening, and never make any stiff-necks or scallions. Planted with Red Wethersfield, it proved to be nearly 4 weeks earlier and ripened off more uniformly. The color of the skin is a clear amber brown. Pkt 5c, oz 15c, 2 oz 20c, ¼ lb 35c, ½ lb \$1.

Red Varieties

Large Red Wethersfield—The most profitable red onion for the market gardener, as it is the heaviest yielder, 600 to 800 bushels having frequently been harvested on a single acre from seed sown in spring. It is of good, strong flavor, the best keeper and an excellent shipper. It grows to good size, single onions often weighing from 1 to 2 pounds. In short, it is the best red onion for everybody. Pkt 5c, oz 15c, 2 oz 20c, ¼ lb 30c, ½ lb \$1.10.

Extra Early Red—Quite distinct and true (American growth), about ten days earlier than the preceding. Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 35c, ½ lb \$1.30.

Southport Red Globe—Pkt 5c, oz 15c, 2 oz 30c, ¼ lb 40c, ½ lb \$1.50.

Red Victoria—The skin is deep blood red, flesh white and of sweet, mild flavor. Pkt 5c, oz 15c, 2 oz 30c, ¼ lb 50c, ½ lb \$1.75.

Giant Brown Rocca—Very large and globular, light brown skin and delicate flavor. Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 40c, ½ lb \$1.40.

Mammoth Pompeii—This excellent Italian variety grows to an enormous size. Onions weighing from 4 to 5 pounds each have been grown of this variety. The skin is a delicate red, and the flesh is close grained and nearly white. It is a very mild flavor. Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 45c, ½ lb \$1.60.

Red Tripoli—Excellent quality. Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 45c, ½ lb \$1.60.

Large Red Madeira—Large, tender, and a good keeper. Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 45c, ½ lb \$1.60.



Simmers' Large Yellow Globe Danvers Onion



Australian Brown Onion



Large Yellow Strasburg or Dutch Onion



Large Red Wethersfield Onion



Southport Yellow Globe Onion

SPECIAL OFFER NO. 8

ONION SEED—1 Pkt Each for 15c.

Yellow Globe Danvers.
Prize Taker.

Large Red Wethersfield.
White Barletta Pickling.

The "NEW ONION CULTURE"—T. Greiner. Price 50c, postpaid.

If you use ONION SEED in large quantities, please state how much and let us quote you

Giant Red Prize taker onion.



Mammoth Silver King Onion

SEEDS

We pay post-
age on packets,
ounces and ¼
pounds, also on
pounds, ex-
cept where
noted.



"Prize Taker" Onion

..ONIONS..

LARGE WHITE VARIETIES

Southport White Globe—Handsome globular Onion, of mild flavor, good keeper, one of the best. Pkt 5c, oz 20c, 2 oz 35c, ¼ lb 60c, lb \$2.

Largest White Portugal—Mild flavor, good keeper, extensively grown for market. Pkt 5c, oz 20c, 2 oz 35c, ¼ lb 60c, lb \$2.

White Victoria—Skin and flesh pure white, of sweet mild flavor. Pkt 5c, oz 20c, 2 oz 35c, ¼ lb 60c, lb \$2.

Mammoth Silver King—The bulbs are of attractive form, flattened but thick through, bulbs often weigh from 2½ to 4 pounds each; the skin is a beautiful silvery white. Flesh is snowy white and of a particularly mild and pleasant flavor, so sweet and tender is the flesh that it can be eaten raw like an apple. (See cut). Pkt 5c, oz 20c, 2 oz 35c, ¼ lb 60c, lb \$2.

White Pearl—One of the earliest varieties, of a pure white color, mild flavor and attractive appearance. Pkt 5c, oz 20c, 2 oz 35c, ¼ lb 60c, lb \$2.20.

White Tripoli or Mexican—Excellent quality. Pkt 5c, oz 20c, 2 oz 35c, ¼ lb 60c, lb \$2.

Large French or Welsh—This variety should be sown in August; it is excellent for salads. Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 40c, lb \$1.40.

WHITE PICKLING VARIETIES

White Barletta—This variety is most distinct on account of its great earliness. It is three weeks earlier than the White Queen. It is of a beautiful waxy white color, with finely formed bulbs, flattened at top. Its earliness highly recommends its use as a substitute for Onion Sets, and it is without a rival for pickles. Pkt 5c, oz 20c, 2 oz 35c, ¼ lb 60c, lb \$2.

Small White Nocera—Fine for pickling, very small and round, pure white. Pkt 5c, oz 20c, 2 oz 35c, ¼ lb 60c, lb \$2.

Silverskin—A handsome Onion of mild flavor, extensively grown for pickling. Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 40c, lb \$1.50.

White Queen—Remarkable for its extreme earliness and very mild flavor, it is small and white skinned, much liked for pickling. Pkt 5c, oz 20c, 2 oz 35c, ¼ lb 60c, lb \$2



Onion Sets



Early Small White Silverskin Onion for Pickling



Small White Nocera Onion



White Barletta Onion



White Potato or Multiplier Onion Sets

ONION SETS

Please write us for prices on bushel lots of Onion Sets (prices fluctuate), and we will quote lowest market rates.

(One quart of sets is needed for 40 ft. of drill.)

Please remember that Onion Sets are subject to fluctuations of the market, and the prices quoted below are those of the time when this Catalogue was published, and are not binding throughout the season.

White Potato or Multiplier Onion Sets—Are of a pure silvery white color and very productive, of excellent size and quality for bunching green, or can be ripened for use as pickling onions. Their keeping qualities are remarkable, but their most important qualities are their extreme earliness, being ready for market from three to four weeks ahead of other onion sets. Pkt 20c, qt 30c, 2 qts 55c, 4 qts \$1, postpaid. Peck \$1.25, bush \$4.50, carriage extra.

Yellow Onion Sets (Dutch Sets)—Pt 15c, qt 25c, 2 qts 45c, 4 qts 90c, postpaid; peck \$1, carriage extra.

White Onion Sets (Dutch Sets)—Pt 20c, qt 30c, 2 qts 55c, 4 qts \$1, postpaid; peck \$1.50, carriage extra.

English Potato Onion Sets—The real English multiplier. Lb 20c, 2 lb 35c, 4 lbs 65c, postpaid; peck \$1.25, carriage extra.

Top or Button Onion Sets (Red and Yellow)—Pt 20c, qt 35c, 2 qts 65c, postpaid.

Shallots, or Multiplier Onion Sets—For early spring use. Qt 18c, 2 qts 35c, 4 qts 70c, postpaid; peck \$1, carriage extra.

Egyptian or Perennial Tree Onion—For fall delivery only. Grows for years without any protection or care, except to keep down weeds. It starts so early in the spring that it is ready for use long before any other onion can be had. It is mild flavored sweet and tender. Pt 15c, qt 20c, 2 qts 35c, postpaid; peck 60c, carriage extra.

SPECIAL OFFER, No. 9—One pint each White and Yellow Dutch sets 35c, one quart of each 50c, four quarts of each \$1.80, by mail, postpaid.



Hollow Crowned Parsnip

PARSNIPS

German—*Pastinake*.
French—*Panais*.

(One ounce will sow about 150 feet of drill.)

CULTURE—Parsnips succeed best in a deep, free, rich soil; that having been heavily manured for previous crops should be selected, and if manure must be used, let it be well decomposed. Sow in drill 15 to 18 inches apart, as early in the spring as possible, thin out, leaving 6 inches between them. The roots are hardy and are improved by frost, and it is usual to take up sufficient in the fall for winter use, leaving the rest in the ground until spring to be dug up as required.

Large Long Smooth Dutch Hollow Crowned—We believe this is the finest stock of Parsnip that can be procured. The roots run of uniform size, and are smooth. The growing taste for this delicious vegetable will make this strain particularly desirable. (See cut). Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 50c.

Improved Guernsey or Half Long—The roots do not grow so long as the Hollow Crown, but are of greater diameter and more easily gathered. The roots are very smooth, the flesh fine-grained, and of excellent quality. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 50c.

Early Round—A short variety, crown broad and rounded, somewhat hollow at the insertion of the leaves, very fine flavored. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 50c.

French—*Gombo*.

OKRA OR GUMBO

German—*Essbarer*.

(One ounce will plant 100 hills.)

CULTURE—Its long pods, when young, are used in soups, stews, etc. It is sown at the usual time of all tender vegetables, in drills 2 inches deep, setting the plants from 2 to 3 feet apart.

Long Pale Green—Long-ribbed pods, this variety generally succeeds the best of any. Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c.

Dwarf Green—Earliest, with small, green, smooth pods. Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c.

PEPPERS

German—*Pfeffer*.
French—*Piment*.

(One ounce of seed will produce 1,000 plants.)

CULTURE—Peppers are sown as early as possible in spring, in a hotbed or warm room, one-quarter of an inch deep, and transplanted about the middle of May, in drills 18 inches apart each way, or in hills with plenty of rotten manure at the bottom. The soil must be rich and strong, and in the course of the summer an occasional watering with liquid manure or a moderate solution of guano will be beneficial.

Improved Bull Nose or Large Squash or Bell—Of mild flavor, favorite sort for pickling and for use in the natural state. Pkt 5c, oz 30c.

Long Cayenne—Best for pickles, pods long, coned-shaped. Pkt 5c, oz 30c.

Long Red—Pods brilliant red, 2 to 4 inches in length. Pkt 5c, oz 30c.

Monstrous or Grossum—Remarkably large and irregular in shape, sweet and thick flesh. Pkt 5c, oz 40c.

Proccopp's Giant—They are of a brilliant scarlet color, flesh fully one-half inch thick. They are just hot enough to be pleasant. Each plant ripens from 8 to 12 perfect fruits, from 8 to 10 in. long by 3 in. thick. Pkt 5c, oz 40c.

Celestial—The plant begins to set its fruits early in the season, and continues until frost. They are from 2 to 3 inches long, of clear, sharp flavor. Pkt 5c, oz 40c.

Sweet Spanish—Fruit obtusely conical, often 4 inches in length, nearly 3 inches in diameter, glossy scarlet at maturity, the earliest of all, sweet, mild and pleasant. Pkt 5c, oz 30c.

Small Red Chili—Fruit very piquant and small, about 2 inches in length. Pkt 5c, oz 30c.

Mammoth Golden Queen or Mango—Beautiful golden-yellow color, very sweet, of dwarf growth, with very large fruit. Pkt 5c, oz 30c.

Black Nubian Pepper—Fruit a deep blue-black, while the stalks are also black, and the fruit as it ripens turns to a rich maroon. Superior for pickling at any stage, and when ripe are of a very sharp, pungent flavor. Pkt 5c, oz 40c.



Improved Bull Nose or Large Squash or Bell Pepper

PARSLEY

German—*Petersilie*.
French—*Persil*

(One ounce will sow 125 feet of drill.)

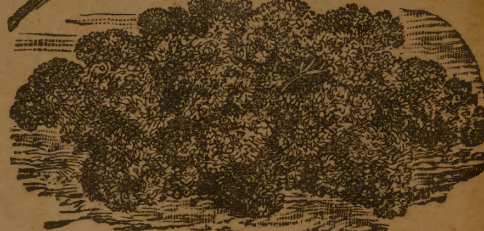
Soak the seeds a few hours in warm water and sow very early in the spring, in drills 12 inches apart; thin out the plants to 6 inches apart. To have green during the winter remove plants into a box and place in a light cellar or cold frame.

Best Extra Triple Curled, with leaves finely cut and curled and of a deep emerald green hue. Extra fine for garnishing and culinary purposes. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 75c.

Dwarf, Very Curled—Very curly, one of the most delicate of the curled sorts. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 80c.

Covent Garden Garnishing, or Champion Moss Curled—A perfectly curled variety. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 75c.

Fernleaved—Light green color, not curled but rather delicately feathered. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 80c.



Covent Garden, or Champion Moss Curled Parsley

SPECIAL OFFER No. 10

PARSLEY, PEPPER, PARSNIP

ONE PACKET EACH FOR 10 CENTS

PUMPKINS

German—*Kurbis*.
French—*Courge*.

(One ounce will sow about 20 hills.)

CULTURE—Seeds are saved from enormous specimens, should be sown on hills with plenty of manure at bottom, in rather damp ground. Only 2 or 3 plants to each hill. Excellent for culinary and feeding purposes.

Simmers' Mammoth Prize Pumpkin—Flesh and skin bright golden yellow. Flesh fine grained, excellent quality. Notwithstanding its enormous size, it is one of the very best pie pumpkins ever grown, fine keeper. Pkt 10c, oz 25c, 2 oz 40c.

Winter Luxury—This we recommend as one of the best pie pumpkins; an excellent keeper and enormously productive. It is finely netted and in color it is a golden russet. (See cut). Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 80c.

Large Yellow Mammoth Cheese—Hardy, productive and superior in all respects to most of the field grown sorts, fine grained and excellent flavor, growing to an enormous size. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 80c.

Japanese Pie—Flesh very thick, nearly solid, unusually fine grained, dry and sweet, resembling sweet potatoes in taste. It ripens early and keeps well. The seeds are very curiously marked. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 80c.

Large Field—Both for culinary purposes and for feeding cattle, a large yellow variety known as the Pie Pumpkin. Pkt 5c, $\frac{1}{4}$ lb 10c, lb 25c, postpaid 30c.

Jumbo—One of the largest varieties grown, very attractive. Pkt 5c, oz 15c, 2 oz 30c, $\frac{1}{4}$ lb 50c, lb \$1.50.

Jonathan—A good keeper of large size, very prolific, smooth, and even fleshed; very sweet and fine for pies. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 80c.

SPECIAL
OFFER
No. 11

PUMPKINS

One Packet each

SIMMERS'
MAMMOTH
PRIZE

JUMBO

JAPANESE
PIE

For 15 cents



Winter Luxury Pumpkin

SEEDS ARE DIFFERENT from other merchandise. The real value of Seeds can only be known after months of labor. Buy your seeds of a reliable seed house with a reputation back of it. Seeds of real merit must be grown and sold by practical, trained seedsmen, with a reputation made and to be maintained.

POTATOES

German—Kartoffel.

French—Pomme de terre.

(In drills 3 feet apart; 12 to 14 bushels to the acre; 1 peck will plant about 125 hills.)

"A. B. C. of POTATO CULTURE," by Terry. Price 50c.

We Shall Ship as early as is safe from frost, but we will ship when requested any time customers wish to take their own risk. On late orders it will save time to state, in case supply of some kinds is exhausted, whether you wish us to return money or substitute other sorts of same value.

Prices on Potatoes are subject to market changes.

GEM OF AROOSTOOK

Gem of Aroostook has a light flesh-colored skin, is oval in shape, and is of very pleasing appearance. The table quality is perfect. The vine is strong, of half upright growth, with medium green foliage. It is a heavy cropper, and the tubers are extremely sound and firm, with good keeping qualities. A main crop variety.

Lb 20c, 3 lbs 50c, postpaid; peck 50c, bush \$1.80, bag \$2.60, carriage extra.

EARLY PRIDE

It is oblong in shape, the eyes being shallow. The skin is a delicate pink color and the flesh white, and in cooking qualities it is unsurpassed. It grows a very even size, there being few very large or very small tubers. On account of its extreme earliness, it is not affected by the usual late summer and fall droughts, while its keeping qualities are not surpassed by any late variety in cultivation to-day. Enthusiastically pronounced by all who have tried it—a perfect potato.

Lb 20c, 3 lbs 50c, postpaid; peck 50c, bush \$1.80, bag \$2.60, carriage extra.

EARLY MARKET

Grows a rather spare upright top, matures its crop very quickly, and produces heavy yields of large, smooth potatoes with few small ones. It usually yields better than the Ohio. It is just as early and just as good in quality. The tubers have the peculiar specks characteristic of all the Ohio class.

Lb 20c, 3 lbs 50c, postpaid; peck 50c, bush \$1.80, bag \$2.60, carriage extra.

"THE BOVEE" Extra Early

Not only is it early, but it takes a leading place among the heavy cropping varieties, an unusual thing among first earlies. The vine is dwarf and stocky, and the tubers grow remarkably close, all bunched together in the hill close to the vine. They size up to a marketable size very evenly, none too large or too small.

Lb 20c, 3 lbs 50c, postpaid; peck 50c, bush \$1.80, bag \$2.60, carriage extra.

Extra Early "OHIO JUNIOR"

The Earliest of All, and a Great Cropper

This variety is 2 weeks ahead of the old Early Rose, and is a special favorite with farmers and marketmen, and the most profitable potato they can possibly grow. The tubers grow compact in the hill, are easily dug, very few small ones; few eyes, which are even with the surface. With heavy manuring, close planting (they can be planted almost a half closer than most other kinds on account of their upright growing tops), and good culture, a very large and profitable yield can be expected. This is our specialty in standard early varieties. We are confident that many do not know a true Early Ohio, and have grown some other for it, having been deceived in the purchase of the seed.

Lb 20c, 3 lbs 50c, postpaid; peck 50c, bush \$1.80, bag \$2.60, carriage extra.

"UNCLE SAM" Main Crop Variety

Very productive, but its crowning merit is its superb cooking qualities, which will ultimately place "UNCLE SAM" on every table where quality in potatoes is appreciated. Its handsome, pure white floury appearance attracts the attention of all. It is a medium late variety. The tubers are oval, with pure white russet skin, with very shallow eyes near the surface.

Lb 20c, 3 lbs 50c, postpaid; peck 50c, bush \$1.80, bag \$2.60, carriage extra.

SPECIAL OFFER No. 12

1 lb each of

GEM OF AROOSTOOK EARLY PRIDE Extra Early OHIO JR.

delivered free for 50c, 3 lbs each \$1.40.

Also

1 peck each \$1.40, 1 bush each \$5.25, by freight or express at purchaser's expense.



Extra Early OHIO JR. Potato

ROSE OF THE NORTH

Early, Excellent Quality, Grand Keeper and a Wonderful Cropper

Strong and stalky, of medium height. The tubers are even in size, averaging from 8 to 12 ounces apiece, and of a beautiful rose color, varying a shade lighter only when grown on new land. Under good cultivation as many as 14 potatoes, all fit for market, have been produced from one single eye planted. In earliness, the Early Market has proved a few days in advance, but on July 1st, when Rose of the North were dug, the tubers of the latter were by far the largest, cleanest and best.

Lb 20c, 3 lbs 50c, postpaid; peck 50c, bush \$1.80, bag \$2.60, carriage extra.

EARLY OHIO

As the name implies, is an early variety. It is a rapid, vigorous grower, vines strong and of a healthy dark green. Its cooking qualities are unsurpassed. When planted on good soil big returns can be expected, as it is an exceptionally heavy yielder. Tubers in shape are oval to long, and light rose in color. We especially recommend them to the market garden trade and to the home garden for first early.

Lb 20c, 3 lbs 50c, postpaid; peck 50c, bush \$1.80, bag \$2.60, carriage extra.



Early Market Potato

POTATO EYES (Free by Mail)

The eyes as put up by us are in as good condition for growing as if freshly cut from the potato, and will produce just as good a crop, hence everyone who has a garden can order at any time during the winter or early spring, and save express or freight charges. We offer 4 varieties this season as follows:

25 Eyes Extra Early Ohio Jr. 30c. | 25 Eyes Gem of Aroostook....30c.
25 Eyes Early Pride.....30c. | 25 Eyes Early Market30c.

SPECIAL OFFER—25 eyes each of the above 4 varieties for \$1 postpaid.

POTATO SEED, per pkt 25c.

PEAS

German—*Erbsen*. French—*Pois*.

One pound will plant about 50 feet of drill,
from 2 to 3 bushels per acre.

Packets of Any Variety Five Cents Each

Please Add Five Cents per Pound for Postage

CULTURE—The Pea comes earliest to maturity in light, rich soil. For general crops a deep loam or a soil strongly inclined to clay is the best. For early crops mild manure, such as leaf mould, should be employed. Plant as early as the weather will permit, in well-prepared soil, and cover about two or three inches deep. Sow three feet apart for early kinds and four feet for late. For a continuous supply sow from early in April until the last of June, then discontinue until the middle of August, when an extra early sort will sometimes produce a good crop. Soak in warm water for a few hours previous to sowing.

Early Varieties

Simmers' First of All—This variety is unequalled for excellence, yield, size of pod and regularity of ripening. Height two feet, produces pods of good size, which are well filled with round, smooth peas of splendid flavor. It is a prodigious bearer, and in this last feature and in its extreme earliness consists its great value to market gardeners and truckers. At the same time we know of no other variety that is more popular than Simmers' First of All in private gardens. Lb or pt 15c, qt (2 lbs) 25c, peck \$1.25, bush \$4.80.

Surprise Pea (See Cut)—One of the earliest of the wrinkled sorts, fully as early as the smooth varieties, but far superior in quality. The vines grow about two feet high, and are enormously productive, bearing many pods, which are well filled with deliciously sweet peas; not quite as large as the American Wonder, but fully its equal in quality. Lb 25c, qt 35c, pk \$2.50.

McLean's Blue Peter—One foot, quite dwarf, requiring no support, a splendid bearer and exquisite flavor, pods comparatively large and well-filled. Lb or pt 20c, qt (2 lbs) 35c, pk \$2.

Alaska—The earliest blue pea, very uniform in growth, the dark green color of the pods, combined with its earliness, makes it a most desirable extra early pea for market and private gardens. Height two feet. Lb or pt 15c, qt 25c, pk \$1.50, bush \$5.40.

McLean's Little Gem—Premium Gem, one foot dwarf green wrinkled marrow, has all the sugary flavor of the late wrinkled peas, besides being very early. Needs no sticks. Lb or pt 20c, qt (2 lbs) 35c, pk \$2.

Gradus or "Prosperity"—This is a large-podded marrow of the finest quality, maturing pods only two or three days later than the small-podded, round-seeded extra earlies. The vine has heavy stems with large dark green leaves, and in rich soil grows three feet in height. It produces uniformly large pods, measuring from four to four and a half inches in length, nearly round, and well-filled with very large, handsome peas, which remain tender and sweet for some time. Lb or pt 25c, qt 50c, pk \$3.50.



Gradus or "Prosperity" Peas



Nott's Excelsior Peas



Surprise Pea

Laxton's Alpha—The earliest wrinkled pea, fully as large as the Daniel O'Rourke, with the advantages of a rich quality. Two and a half to three feet high. Lb or pt 20c, qt (2 lbs) 35c, pk \$2.

Nott's Excelsior—Robust and vigorous in growth, throwing out laterals from base to haulm, producing in profusion long handsome pods, closely packed with large peas of fine flavor. Seed green, wrinkled, square at the end like American Wonder. Height, twelve inches. Lb or pt 25c, qt 45c, pk \$2.50.

American Wonder—Ten inches. One of the earliest wrinkled peas in cultivation, exceedingly productive and of very dwarf and compact growth; quality the very best. Lb or pt 20c, qt (2 lbs) 40c, pk \$2.25.

William Hurst—A dwarf, compact growing variety similar to the American Wonder. The vines are more productive, the pods mature more nearly at one time, enabling the whole crop to be taken off at one or two pickings, while the quality is superior. Vines grow eight to ten inches high, with deep green foliage, haulm quite stiffly erect, close jointed and very productive. Pods two and a half inches in length, slightly pointed at each end. Lb 20c, qt (2 lbs) 40c, pk \$2.25.

Daisy or Dwarf Telephone Pea—Ripens evenly and yields with the larger sorts. The vines grow fifteen to eighteen inches high, are dwarf, stalky and vigorous, very productive, the plants frequently bearing from five to seven pods. The pods are about five inches long and well-filled with large, thick, pale green peas of good lasting qualities. The pods often contain as many as ten peas. In season it is medium, being from five to seven days earlier than Stratagem. Lb 25c, qt 45c, pk \$2.50.

Medium Early Varieties

HEROINE—Pods remarkably long and handsome, slightly curved, well filled with large luscious peas of fine flavor—a gem of the first water. Height, two feet. Seed green and very much wrinkled. Lb 20c, qt 35c, pk \$1.75, bush \$7.

Bliss' Everbearing—Two feet, a splendid general crop pea, pods averaging four inches long and containing six to eight wrinkled peas of enormous size, many being over one-half inch in diameter, while in sweetness of flavor they are unsurpassed. Lb or pt 15c, qt (2 lbs) 30c, pk \$1.75, bush \$7.

Laxton's Prolific Long Pod—Two feet, a round green variety, very productive, producing pods with from eleven to twelve peas in each, of superior flavor. Lb or pt 15c, qt (2 lbs) 30c, pk \$1.75, bush \$7.

Laxton's Supreme—A fine large and distinct early pea, of green marrow race, having from nine to ten peas in a pod, four feet high, prolific. Lb or pt 15c, qt (2 lbs) 30c, pk \$1.75, bush \$7.

Blue Imperial—Three feet, large pods and prolific, a good summer pea of fine flavor. Lb or pt 15c, qt (2 lbs) 25c, pk \$1.80, bush \$4.80.

Horsford's Garden—Grows from two to two and a half feet high. It is extremely prolific, and bears its pods always in pairs, and on some of the best plants over 150 pods have been counted. One of the sweetest peas. Lb 15c, qt 30c, pk \$1.80, bush \$7.

If Peas Are to be Sent by Mail Be Sure to Add Five Cents Per Pound for Postage

PEAS (CONTINUED)

Packets of any variety 5 cents each

LATER OR GENERAL CROP

Improved Stratagem—The old Stratagem Pea has always been one of the best late sorts for quality, but it was a shy yielder, which impaired its usefulness. The Improved Stratagem has all the sterling qualities of the original type, and is one of the heaviest yielders. The vines are of medium height, very stocky, the pods are of immense size, well filled with very large dark green peas. Pt 20c, qt 40c, peck \$2.25.

Telephone—This strong growing, sweet, wrinkled Pea is driving out of the local market the common kinds of early hard peas, owing to its strong growth, large, handsome, well-filled pods and very fine table quality. The vines often bear 18 to 20 pods per stalk, each containing 6 to 7 large peas; 4 feet high. Pt 20c, qt 40c, peck \$2.75.

Burpee's Profusion—Is of vigorous growth, attaining 3 feet in height and of a very branching character. The pods are usually produced in pairs, from 50 to 90 pods to the plant. The pods are well packed with *large luscious peas of very sweet and splendid quality*. The plants are continuous bearers, extending over a period of several weeks. Pt or lb 25c, qt 50c, peck \$3.50.

Pride of the Market—It grows from 18 inches to 2 feet in height, and bears grand pods well filled from top to bottom with large, fine flavored peas. Its robust constitution, enormous yield and superior appearance ensure its acceptance as a favorite with the public. Pt 20c, qt 40c, peck \$2.25.

Champion of England (4 feet)—Universally admitted one of the best peas grown; a delicious flavor and good bearer. Lb or pt 15c, qt (about 2 lbs) 25c, peck \$1.50.

Black-Eyed Marrowfat (3 feet)—Best for general crop, has large and well-filled pods; a popular market variety. Lb or pt 15c, qt (about 2 lbs) 25c, peck 75c, bush market price.

Large White Marrowfat—Well known, prolific and of good flavor, 3 feet high. Lb or pt 15c, qt (about 2 lbs) 25c, peck 75c, bush market price.

Yorkshire Hero (2½ feet)—Very prolific, and of delicious flavor. Lb or pt 15c, qt (about 2 lbs) 25c, peck \$1.50.

EDIBLE PODDED OR SUGAR PEAS

Tall Scimitar Sugar—Pods are edible, very sweet, 7 to 10 inches long, grows 6 feet high, can be used in green state like string beans. ¼ lb 10c, lb or pt 25c, qt (2 lbs) 50c, peck \$2.50.

Dwarf Sugar—Pods edible, 2 feet high, can be used in green state like string beans. ¼ lb 10c, lb or pt 25c, qt (2 lbs) 50c, peck \$2.50.

(Add 5 cents per pound if wanted by mail.)



Improved Peanut or Ground Pea

The peanut plant is a pea, which blossoms in the air and then thrusts the ovary under ground for development. The ripened ovary or seed pod is the peanut of commerce. The choice variety which we offer is early, large, prolific, yielding fewer imperfect pods than any other kind. The nut is red, with two or three kernels to the pod; large and of rich flavor. Pkt 10c, pt 25c, qt 40c, postpaid.

The Three Best Peas FOR THE HOME GARDEN

These can all be planted at the same time, and they will be ready for use in succession.

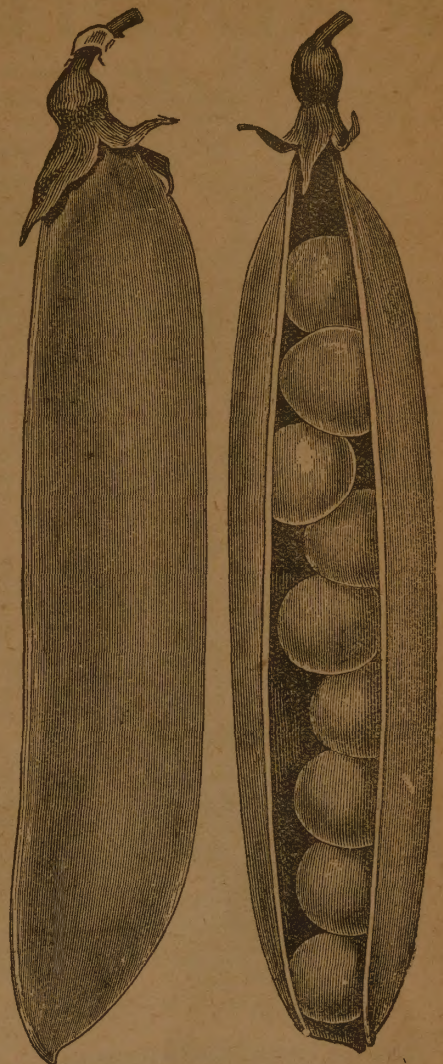
NOTT'S EXCELSIOR—Earliest and best Dwarf Pea.

HEROINE—Best second early Pea.

IMPROVED STRATAGEM—Best large podded late variety. For further description see general list.

No. 13 SPECIAL OFFER

Large packet each of 3 Peas, postpaid, 20c.
Half-pound each of the 3 Peas, " 40c.
One " " " 3 " " 90c.

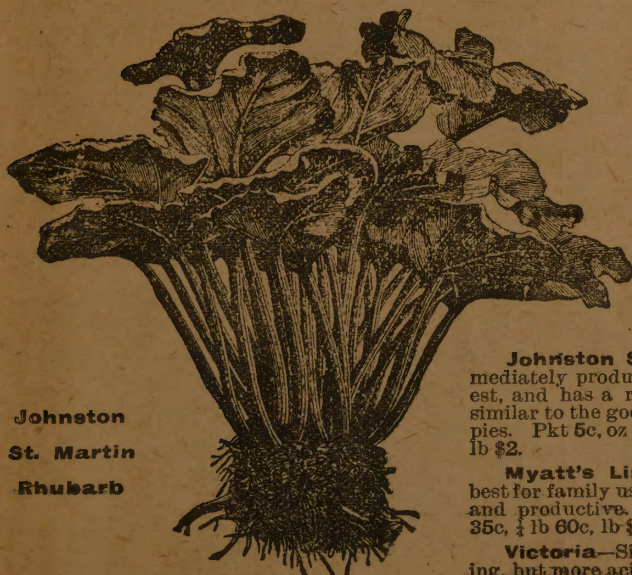


Improved Stratagem Pea

RHUBARB OR PIE PLANT

German—Rhubarber.

French—Rhubarbe.



Johnston
St. Martin
Rhubarb

(One ounce will produce about 500 plants)

CULTURE—Sow in April in drills one inch deep and one foot apart; when the plants are three or four inches high, thin out to ten inches apart, and cultivate well during the season; in fall or following spring transplant into hills about three feet apart each way. The soil must be very deep and heavily manured. Give a top dressing of manure every fall.

Johnston St. Martin—It is immediately productive, one of the earliest, and has a rich spicy flavor, very similar to the gooseberry when used for pies. Pkt 5c, oz 20c, 2 oz 35c, ¼ lb 60c, lb \$2.

Myatt's Linnaeus—One of the best for family use, thin skin, very early and productive. Pkt 5c, oz 20c, 2 oz 35c, ¼ lb 60c, lb \$2.

Victoria—Similar to the preceding, but more acid and productive. Pkt 5c, oz 20c, 2 oz 35c, ¼ lb 60c, lb \$2.

Large Roots of any of the above—Each 15c, 4 for 50c, per doz. \$1.50 postpaid.

SALSIFY

or VEGETABLE OYSTER

German—Bocksart.

French—Salsifis.

(One ounce will sow 50 feet of drill.)

CULTURE—The directions for sowing and cultivating Carrots, given on Page 12, apply also to Salsify. From its resemblance in flavor to Oysters it derives its name. Soak the seed before sowing, in warm water for 12 hours.

Mammoth Sandwich Island—This variety is of very large size, twice that of the ordinary Long White; pure white, very tender and delicious; invaluable for the market gardener. Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 40c, lb \$1.30.

SCORZONERA

or BLACK OYSTER PLANT

(One ounce will sow 50 feet of drill.)

CULTURE—Cultivated the same as Carrots or Salsify. The outer rind of the roots being scraped off, they are steeped in water to abstract a part of its bitter flavor. They are then boiled or stewed in the manner of carrots or parsnips.

Pkt 5c, oz 20c, 2 oz 35c, ¼ lb 60c, lb \$2.



Mammoth Sandwich Island Salsify

RADISHES

German—*Radieshen und Rettige*French—*Radis.*

(One ounce will sow 100 feet of drill.)

CULTURE—See **Simmers' Vegetable Garden** which contains full cultural directions. Free to customers—ask for it; to others 10c.

EARLY AND SUMMER VARIETIES

TRIUMPH—The small, round, pure white roots are marked with bright scarlet, in flakes and in short lines running around the circumference. Very desirable for forcing under glass. Skin thin, flesh crisp, tender and mild in flavor. Pkt 5c, oz 15c, 2 oz 25c, 1 lb 40c.

Early Scarlet Olive-Shaped White Tipped (*French Breakfast Radish*)—A variety of quick growth, mild and tender, and one of the best for forcing. Oval form, scarlet, tipped with white. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, 1 lb 60c.

Early Scarlet Olive-Shaped—A very early and handsome variety, of a livid rose color and oblong shape. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, 1 lb 60c.

Early White Olive Shaped—Similar to scarlet, skin being white. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 25c, 1 lb 60c.

Early Scarlet Turnip-Rooted—Small top, quick growth, mild and crisp, best for market. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, 1 lb 60c.

Early White Turnip-Rooted—Very early, flesh and skin white. Grown for mixing in with bunches of red radishes. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 25c, 1 lb 60c.

Early Scarlet White-Tipped Turnip-Rooted—A very pretty variety, excellent for market and fine for forcing. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, 1 lb 60c.

Early Scarlet Globe—A most desirable turnip sort for hotbed forcing; very early and in flavor mild, crisp, juicy and tender; top small and it will stand the heat well without becoming pithy. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 25c, 1 lb 70c.

Early Non Plus Ultra—Unquestionably the earliest forcing radish, grows very rapidly and is fit for use within three weeks; the root is round and bright scarlet; the flesh tender and particularly delicate. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 25c, 1 lb 70c.

Rosy Gem—Shape is perfectly globular, with rich deep scarlet top, blending into pure white at bottom, exceedingly tender, crisp, and delicious; desirable for growing under glass. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 25c, 1 lb 70c.

Early Nine-Pin Shape—Scarlet, for forcing, so called on account of its shape. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 25c, 1 lb 60c.

Wood's Early Frame—A long, scarlet excellent for forcing. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, 1 lb 60c.

Long White Naples—Excellent for table, flesh white, crisp and mild. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 25c, 1 lb 70c.

Improved Chartier—The color at the top being crimson, running into pink about the middle, and from thence downwards it is a pure waxy white. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 25c, 1 lb 60c.

Long White Vienna ("LADY FINGER")—The radishes being long, slender, pure white, crisp, and very mild in flavor. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 25c, 1 lb 60c.

Long Scarlet, or Early Short Top—A standard variety for market and private gardens. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, 1 lb 60c.

SPECIAL OFFER No. 14

1 pkt Radish, Long Scarlet.
1 pkt Radish, Long White Vienna.
1 pkt Radish, Long China Rose.
1 pkt Large Leaved Flanders Spinach.
For Fifteen Cents.

WINTER VARIETIES

White Chinese (Celestial)—One of the largest in cultivation. The flesh is white and solid and the flavor excellent. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 25c, 1 lb \$1.00.

Long Black Spanish—Very large and best for winter use. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, 1 lb 60c.

California Mammoth or Long White Spanish—Very large and best for winter, rather milder than the Long Black. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, 1 lb 60c.

Long China Rose—Winter, very desirable, light rose color, flesh fine and piquant. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, 1 lb 60c.

Round Black Spanish—Large, for use during winter, of firm texture. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, 1 lb 60c.



SPECIAL OFFER No. 15

1 pkt Scarlet Turnip Radish.
1 pkt Victoria Improved Spinach.
1 pkt Rosy Gem Radish.
1 pkt Scarlet Olive-Shaped Radish
For 15c.

Our Radish Mixture This is a mixture of over 20 choice varieties of early, medium and later radishes. You will certainly have radishes all summer, and be surprised at the results. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 25c, 1 lb 75c.



Large Leaved Giant Flanders

SPINACH

German—*Spinat.*
French—*Epinard.*

(One ounce will sow 100 feet of drill; 10 to 12 lbs. for one acre.)

CULTURE—Sow in drills one inch deep and one foot apart; the summer varieties in April for summer use, and the winter varieties in August or September for winter or spring use.

VICTORIA IMPROVED—The foliage is heavy, the broad, dark green leaves being of a true Savoy appearance and of the finest quality, it remains in prime condition from two weeks to three weeks after all other varieties of spinach have run to seed. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, 1 lb 30c.

Extra Large Leaved or Giant Flanders—A splendid variety, with leaves much larger and broader than any other variety, round, thick and fleshy, dark green. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, 1 lb 30c.

Round Leaf or Summer—The main market sort, equally good for either fall or spring sowing. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, 1 lb 30c.

Long Standing—Stands a long time before running to seed, otherwise similar to the well known Round Leaf. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, 1 lb 30c.

Prickly or Fall—Stands well in winter, but gives less bulk per acre than the Round Leaf. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, 1 lb 30c.

Bloodsail Large Curly, or Savoy Leaved—New and excellent, tender and fine flavored. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, 1 lb 30c.

Large Mountain Orach, or French Spinach—Cultivated and used like Spinach. Pkt 5c, oz 20c, 2 oz 35c, 1 lb 60c, 1 lb \$1.50.

New Zealand—(*Tetragonia perennialis*)—Fit for use the first year, must be slightly protected during winter. Pkt 5c, oz 20c, 2 oz 35c, 1 lb 60c, 1 lb \$1.25.

Perennial—(*Rumex Patientia*)—Sow in spring and fit for use in autumn, quite hardy. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 25c, 1 lb 60c.

SEA KALE

(One ounce will produce about 300 plants).

Seed—Pkt 5c, oz 25c, 2 oz 40c, 1 lb 75c, 1 lb \$3.00.
Roots—Each 20c, 3 for 50c, doz \$1.75 postpaid.



Early Scarlet Olive-Shaped Radish



Scarlet White Tipped Turnip-Rooted Radish



French Breakfast or Scarlet Olive-Shaded White Tipped Radish



White Chinese Radish

Savoy's Improved Giant Radish, Leafless Bright Scarlet

SQUASH

German—*Speisekurbisse*.French—*Courge*.

(One ounce will plant fifty hills.)

CULTURE—Prepare the hills the same way as directed for Cucumbers on page 16. The bush varieties should, of course, be planted closer together than those with long vines.

Summer Varieties

Bush Vegetable Marrow—A decided improvement on the old trailing Vegetable Marrow; the fruit is larger, handsomer, more ribbed or fluted, and of strictly bush form. Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 40c, lb \$1.20.

Vegetable Marrow (Running)—Well-known variety, oblong, skin greenish yellow, flesh white, rich flavor. Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 40c, lb \$1.20.

Perfect Gem—Excellent both for summer and winter use. Wonderfully productive. Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 40c, lb \$1.20.

Summer Crookneck—Early, productive and good quality, fruit orange-yellow. Pkt 5c, oz 15c, 2 oz 20c, ¼ lb 30c, lb \$1.

Bush Scallop—Yellow. Pkt 5c, oz 15c, 2 oz 20c, ¼ lb 30c, lb \$1.

Long Island Bush Scallop—White. A selection of the old White Bush Scallop, and a vast improvement, having less prominent ridges and being much deeper. Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 40c, lb \$1.20.

Mammoth Whale—The squashes are often three feet long, of a dark, rich color, and sometimes weigh over one hundred pounds. The flesh is solid, of a beautiful orange-yellow color, and of excellent quality. It is a good winter keeper. Pkt 10c, oz 20c, 2 oz 30c, ¼ lb 50c, lb \$1.50.

Winter Varieties

Golden Hubbard Squash—In shape same as the Green Hubbard, but the skin is a rich orange color. It matures earlier, and is more productive. The color of flesh is deep golden yellow, cooks dry and is of fine flavor. The keeping qualities are fully equal to the old variety. Pkt 5c, oz 15c, 2 oz 30c, ¼ lb 45c, lb \$1.50.

Green Hubbard—The standard winter squash, of good size, dry, fine-grained, orange-yellow flesh and dark olive-green skin. Our seed is the very best strain. Pkt 5c, oz 15c, 2 oz 30c, ¼ lb 45c, lb \$1.50.

Chicago Warty Hubbard—A specially fine strain of the popular and well-known Hubbard Squash. The fruits are large and uniform in size, with rich, dark skin, generally set thickly with small excrescences or warts, very productive. The strain has deservedly become very popular in many markets. Pkt 5c, oz 15c, 2 oz 30c, ¼ lb 45c, lb \$1.50.

Marblehead—Flesh lighter in color than the Hubbard, while in combination of sweetness, dryness and delicious flavor is something really remarkable. Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 40c, lb \$1.20.

The Faxon—The flesh is a deep orange-yellow, cavity small and seeds few. The special peculiarity, however, is that while uncooked it appears to have a shell like any other squash, when cooked there is practically none, the shell or edible part being only about as thick as a sheet of writing paper. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 20c, lb 70c.

Delicata—Color of this variety is orange-yellow, splashed and striped with very dark green. The quality is splendid, being rich and dry. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 20c, lb 70c.

Essex Hybrid—Rich flavored, fine grained and sweet, flesh very thick, rich colored and solid; very early. Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 40c, lb \$1.20.

Boston Marrow—Fine, large and sweet; it keeps well in winter and will boil dry as a potato. Pkt 5c, oz 15c, 2 oz 20c, ¼ lb 30c, lb \$1.

Bay State—Extremely solid, heavy weight, fine and dry flesh, sweet flavor, beautiful golden-yellow, very handsome, shell extremely hard and flinty, and excellent keeper. Pkt 5c, oz 15c, 2 oz 20c, ¼ lb 30c, lb \$1.

Pike's Peak or Sibley—Skin smooth and thin and of a pale green color, flesh thick, solid, vivid orange in color, very dry, of fine grain and delicate flavor. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 20c, lb 70c.

Fordhook—The flesh is dry and sweet, of best quality. In a cool, dry room it keeps in perfect condition until late in June, when summer squashes are ready. Pkt 5c, oz 10c, 2 oz 15c, ¼ lb 20c, lb 70c.

Large Mammoth Yellow Chili—Grows to an immense size, often weighing 200 lbs; excellent for all uses. Pkt 5c, oz 20c, 2 oz 35c, ¼ lb 60c, lb \$2.



English Vegetable Marrow



Summer Crookneck Squash



Golden Hubbard Squash

SPECIAL OFFER No. 16

One Packet Each of
Mammoth Whale Squash
English Vegetable Marrow
Hubbard Squash
For 15 Cents

SPECIAL OFFER No. 17

One Packet Each of
The Three Hubbards
Summer Crookneck
For 15 Cents



TOBACCO

Seed is generally sown in hot-beds in March and April, though sometimes in cold frames or even the open ground. As soon as plants are from four to five inches high, and all danger of frost is passed, they should be transferred to open ground in rows four feet apart and from two and a half to three and a half feet apart in the rows. After planting the ground should be stirred with a one-horse cultivator about once in ten or twelve days, so as to keep the land thoroughly clean from weeds, and in a porous and mellow condition. Frequent cultivation will also induce more favorable conditions of moisture. This should be continued as long as the cultivator can be passed through the rows without injuring the plants. After this, as the roots of the plants will then almost fill the space between the rows, the ground should be kept clean by shallow hoeing.

Small Red Canadian—Pkt 5c, oz 60c.

Connecticut Seed Leaf—Pkt 5c, oz 20c, 2 oz 35c, ¼ lb 60c, lb \$2.

White Burley, Yellow Pryor, Blue Pryor, Yellow Oronoco and Climax—Each, pkt 5c, oz 25c, 2 oz 40c, ¼ lb 75c, lb \$2.50.

"TOBACCO CULTURE"—Full practical details from the propagation of the seed to the harvesting, curing and marketing of the crop, by fourteen experienced tobacco growers. Price 25c, postpaid.

"TOBACCO LEAF"—Myrick & Killbrew, \$2.

Virginia Seed Leaf—Pkt 5c, oz 40c, 2 oz 75c, ¼ lb \$1.25, lb \$3.50.

Havana (Vuelta de Abajo)—Cuban grown. Pkt 5c, oz 40c.

Zimmer's Spanish—One of the most popular, very early, finest quality. Pkt 5c, oz 40c, 2 oz 75c, ¼ lb \$1.25, lb \$3.50.

TOMATO

German—*Liebesapfel.*
French—*Tomate.*

(One ounce will produce 1,500 plants.)

CULTURE—Sow in a hotbed about the first week in March, in drills about five inches apart and half an inch deep. About the middle of May, in this latitude, the plants may be set in the open ground. They are planted for early crops on light, sandy soil, at a distance of three feet apart, in hills in which a good shovelful of rotted manure has been mixed. On heavy soils, which are not suited for an early crop, they should be planted four feet apart, water freely at the time of transplanting, and shelter from the sun a few days until the plants are established.

The "Century" Tomato—This is the best extra early Tomato yet introduced, as early as the earliest tomato grown, and unqualifiedly superior in other respects. Its value lies not only in the actual time of ripening its first fruit, but that such enormous quantities of fruit can be gathered, while all other so-called earliest are ripening only a few. The fruits are of good size, perfectly round and remarkably handsome, smooth as glass, and of brilliant scarlet. The flesh is remarkably solid, having but few seeds. See cut. Pkt 10c, oz 30, 2 oz 50c, ½ lb \$1.

Freedom—Very early. The fruit is borne mainly in clusters, perfectly round, of a bright, dazzling shade of scarlet. The texture and toughness of the skin insures its value as a shipper. The flesh is remarkably solid, having but few seeds, and the flavor is perfect. Pkt 5c, oz 25c, 2 oz 40c, ½ lb 75c, lb \$3.

Magnus—The form is perfect, uniform, large and attractive, flesh is very firm, a robust grower. The fruits are very deep from stem to blossom end, many of them being almost globe shaped. It ripens evenly, does not crack about the stem, and the flavor is most desirable. Pkt 5c, oz 25c, 2 oz 40c, ½ lb 75c, lb \$3.

Fordhook Fancy—The habit is dwarf and compact, the leaves dark green, heavily blistered or crimped as in a fine Savoy Cabbage. The fruits are of medium size, very smooth and regular both in size and form, solid and free from cracks, quite fleshy, with few seeds and of sweet flavor. Pkt 5c, oz 25c, 2 oz 40c, ½ lb 75c, lb \$3.



The "Century" Tomato

"Imperial"—The fruit is large, smooth and solid. It not only produces very early fruits, but it will hold out through the season until late in the fall. It is also a splendid keeper. In color it is that attractive pink. Pkt 5c, oz 20c, 2 oz 35c, ½ lb 60c, lb \$2.

Creekside Glory—Very robust and exceedingly prolific. It carries its fruit in clusters, which are large, round and perfectly smooth and of a deep rich red color. It ripens early, has a most delicious flavor and is a good keeper. Pkt 5c, oz 25c, 2 oz 40c, ½ lb 75c, lb \$3.

Crimson Cushion—More symmetrical than the Ponderosa, and much thicker, in fact, so marked is this characteristic that it is frequently almost round. The color is brilliant scarlet crimson, untinged with purple, and ripens up almost completely to the stem. Pkt 5c, oz 25c, 2 oz 40c, ½ lb 75c, lb \$3.

Earliana—Earliest, smooth bright red tomato, of large size. Pkt 5c, oz 40c, 2 oz 75c, ½ lb \$1.25.

Enormous—Largest smooth bright red tomato. Pkt 5c, oz 25c, 2 oz 40c, ½ lb 75c, lb \$3.

Lorillard (Forcing)—A good sort for forcing under glass, as well as for outdoor culture; bright red, smooth early. Pkt 5c, oz 25c, 2 oz 40c, ½ lb 75c, lb \$3.

The Stone (Simmers' Selected)—Fruit very large and deep, bright scarlet, smooth, ripening evenly to the stem without a crack, exceedingly solid and firm-fleshed, of the finest quality, the best for family use and for canneries. Pkt 5c, oz 20c, 2 oz 35c, ½ lb 60c, lb \$2.

Table Queen (Simmers' Special)—Perfectly smooth and round; for slicing it is the tomato *par excellence*, as it is wonderfully solid and contains comparatively few seeds. The color is a rich shade of crimson. Pkt 5c, oz 25c, 2 oz 40c, ½ lb 75c, lb \$3.

Early Ruby or Atlantic Prize—By far the earliest of all the large-sized tomatoes which combine good form, rich crimson color, and solidity. Pkt 5c, oz 20c, 2 oz 35c, ½ lb 60c, lb \$2.



Freedom Tomato

YELLOW VARIETIES

Dwarf Golden Champion—Similar to the scarlet of same name, with the exception that the fruit is of a beautiful lemon yellow color. Pkt 5c, oz 25c, 1 oz 40c, ½ lb 75c, lb \$3.

Golden Queen—Large smooth yellow, excellent flavor and sweet, very productive. Pkt 5c, oz 25c, 2 oz 35c, ½ lb 70c, lb \$2.50.

Yellow Peach—Very distinct, fruit of medium size, resembling a peach in size, shape and bloom, color yellow. Pkt 5c, oz 30c, 2 oz 50c.

PRESERVING VARIETIES

Yellow Cherry.....
Small Red Cherry.....
Small Red Currant.....
Yellow Plum.....

Pkt 5c, oz 40c.

WINTER CHERRY, also called Strawberry or Ground Cherry and Barbadoes Gooseberry or Mexican Tomato (*Physalis Albo-kengi*)—Culture same as Peppers. The fruit of the plant, which is a berry enclosed in an inflated calyx, is eaten as a common fruit, and is particularly pleasant for tarts. Pkt 10c, oz 60c.

OLDER STANDARD VARIETIES

Our Tomato Seed has all been grown by Tomato specialists who plant for seed only.

Per pkt 5c, oz 20c, 2 oz 35c, ½ lb 60c, lb \$2, any of the following:

Beauty
Mikado
Buckeye State
Ignotum
Livingstone's Aristocrat
Honor Bright
Plentiful
Livingstone's Royal Red
Favorite
Trophy
Dwarf Champion

The following per pkt 5c, oz 30c, 2 oz 55c, ½ lb \$1, lb \$3.

Ponderosa
Fordhook First
Peach



Simmers' Selected Stone Tomato

TABLE TURNIPS

German—Weize Ruben.

French—Navet.

One ounce will sow 150 feet of drill.

Two pounds will sow an acre.

For Field Turnips see "Farm Seeds," pages 33 and 34

CULTURE—For early use sow as soon as the ground can be worked in the spring, in drills 15 inches apart and thin to 8 inches apart as soon as plants are large enough to handle. For succession sow at intervals of a fortnight until the last week of July, from which time until the end of August sowings may be made for main and late crops. The sowing should always be done just before rain if possible as the success of the crop in a great measure depends upon quick germination and a rapid and free growth at first.

SIMMERS' EARLY

MELTING SWEDE—An excellent distinct variety, peculiarly suitable for garden culture on account of its flavor, fine form and rich golden yellow color. This variety is claimed by all market gardeners and private gardeners to be the finest grained, best keeping table Swede turnip in cultivation. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 50c.

Extra Early Purple Top Milan—A strap-leaved variety, a week earlier than the ordinary early sorts. It retains its good qualities and remains a long time fit for use. The bulbs are white with a purple top, round, flattened and solid, with a very slender tap root; flesh pure white, sweet and crisp. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 25c, lb 70c.

Extra Early White Milan—Pkt 5c, oz 10c, 2 oz 15c, 1 lb 25c, lb 80c.



GOLDEN BALL C

White Stone, or Early Snowball—An early garden variety, clear white, medium size, delicate flavor and quick growth. Pkt 5c, oz 10c, 1 lb 15c, lb 40c.

American Breadstone—Of medium size, very quick growing and quite smooth. While, with faint colored top, the flesh is perfectly white, fine grained, and cooks in fifteen minutes, tender and sweet. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 60c.

White Flat Dutch—An excellent variety, the best for spring sowing. Pkt 5c, oz 10c, 1 lb 20c, lb 50c.

Early Golden Ball or Orange Jelly—A rapid grower, excellent flavor, globe shape. Pkt 5c, oz 10c, 1 lb 15c, lb 40c.

Red Top, Strap-Leaved—Fine grained and of buttery flavor, the best for market gardens. Pkt 5c, oz 10c, 1 lb 15c, lb 40c.



Red Top, Strap-Leaved Turnip

Early White Egg—An egg-shaped variety for spring or fall sowing, flesh white, firm, fine grained, mild and sweet. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 60c.

White Nimble Dick—One of the best for market and general use, fine flavor and very early. Pkt 5c, oz 10c, 1 lb 20c, lb 50c.

Maltese—Early variety, fine flavor. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 25c, lb 75c.

Yellow Stone—Splendid for table use and late growing. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 50c.

Herb Seeds

(Sweet, Pot and Medicinal)



Anise—Pkt 5c, oz 20c, 1 lb 35c, lb \$1.25.
Balm—Pkt 5c, oz 25c, 1 lb 75c, lb \$2.50.
Basil Sweet—Pkt 5c, oz 20c, 1 lb 75c, lb \$2.50.
Borage—Pkt 5c, oz 25c, 1 lb 75c, lb \$2.50.
Caraway—Pkt 5c, oz 10c, 2 oz 15c, 1 lb 25c, lb 75c.
Catnip or Catmint—Pkt 5c, oz 50c.
Coriander—Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 40c.
Dill—Pkt 5c, oz 15c, 1 lb 35c, lb \$1.25.
Fennel Sweet—Pkt 5c, oz 15c, 1 lb 50c, lb \$1.75.
Horshound—Pkt 5c, oz 20c, 1 lb 75c, lb \$2.50.
Hop Seed—Pkt 5c.
Hyssop—Perennial, 2 feet high. A useful herb. Pkt 5c, oz 25c, 1 lb 75c, lb \$2.50.
Lavender—An aromatic, medical herb. Pkt 5c, oz 15c, 1 lb 50c, lb \$2.00.
Lemon or Winter Thyme—Perennial, 6 inches. Pkt 10c, oz \$1.
Lovage—Perennial, 5 feet. Pkt 5c, oz 20c, 1 lb 75c, lb \$2.50.
Mint—Perennial, 4 foot high. Pkt 10c, oz \$3.
Marjoram Sweet—Pkt 5c, oz 15c, 2 oz 25c, 1 lb 35c, lb \$1.25.
Pennyroyal—Pkt 10c.
Peppermint—Pkt 10c.
Rosemary—Pkt 5c, oz 35c, 1 lb \$1.25.
Rue—Pkt 5c, oz 20c, 1 lb 75c, lb \$2.00.
Rampion—Perennial, 6 inch. Pkt 5c, oz 30c.
Sage—Pkt 5c, oz 15c, 2 oz 25c, 1 lb 35c, lb \$1.25.
Sage, Broad-Leaved—Perennial, 1 foot. Pkt 5c, oz 15c, 2 oz 25c, 1 lb 40c, lb \$1.50.
Sorrel—Perennial, 6 inches. Pkt 5c.
Summer Savory—Pkt 5c, oz 15c, 2 oz 20c, 1 lb 30c, lb 75c.
Tansy—For medicinal use. Pkt 5c, oz 35c.
Tarragon—Pkt 10c.
Thyme—Pkt 5c, oz 15c, 2 oz 25c, 1 lb 40c, lb \$1.40.
Winter Savory—Pkt 5c, oz 20c.
Wormwood—Used medicinally, and is beneficial for poultry. Pkt 5c, oz 25c.

MISCELLANEOUS SEEDS

Wild Rice Seed

DIRECTIONS FOR SOWING—Put the rice in coarse cotton or linen bags, and sink them in water for 24 hours. Sow in water which is from 6 inches to 5 feet deep, in soft mud bottom, and in places where there are but few weeds. It is useless sowing these seeds except on a mud bottom, or on low marshy places which are covered with water the year round. In running water sow as much out of the current as possible.

Wild Rice (Zizania Aquatica)—Lb 25c, postpaid 30c; 10 lbs or over 22c per lb.

Imported Evergreen Broom Corn—The stalks may be fed to cattle in a green state. Pkt 5c, lb 15c, 3 lbs 40c, postpaid.

German Camomile Flowers—Oz 10c, lb \$1.

Bird Seeds and Requisites (If by mail add 18 cents per pound.)

	Per lb		Per lb
Canary Seed (3 lbs 25c).....	\$0 10	Iona Seed	\$0 25
Hemp Seed Russian (3 lbs 25c)...	10	Maw or Poppy Seed.....	1b 25
Mixed Bird Seed (3 lb pkts 25c)...	10	Lettuce Seed.....	1b 30
" " (1 lb pkts).....	10	Silver Washed Bird Gravel (3 lbs)	10
Millet Seed Chinese.....	5	Mocking Bird Food	1b 30
Sunflower Seed (3 lbs 25c).....	10	Peter's Treat Song Restorer	10
Cuttlefish Bone (per oz 10c).....	50	Bird Lice Destroyer and Bellows.	30
Rape Seed, German (3 lbs 25c)...	10	Simmers' Canary Powder, bottle.	25



Bird seeds of all kinds, recleaned and free from dust and dirt, always on hand by the 100 lbs at lowest market price, and of the finest quality.

BIRD BOOKS

"American Bird Fancier," a very useful and instructive work on the care of birds, price 50c.
Cottam's New Illustrated Book on "Cage Birds," 25c, postpaid.
Brock's Book on Birds, 25c.

BIRD CAKE

A delicious Treat and Song Restorative Food for Canary Birds. This food is prepared with the greatest care, the most delicate and nutritious preparation ever discovered for the longevity of Pet Birds. Our experience in handling restoratives for song birds enables us to recommend this Tonic in the form of food to prolong the life of birds confined in cages. It gives the songster a strong and clear voice, improves the plumage, and will keep birds, although very old, always in health by producing the desired effect on the digestive organs. Give to young, as well as to old birds.

Per cake 5c, 6 for 25c, per doz 45c.

Mammoth Sage Plants

The plants are very strong growing, the first season attaining 1 foot in height and spreading so that a single plant covers the space of 3 feet, the leaves are borne well above the soil, keeping them clean; they are very large and of unusual substance, strong in flavor and of superior quality. A single plant yields more than a dozen plants of the common sage; perfectly hardy, it rarely flowers and never runs to seed. Price, each 15c, 2 for 25c, 5 for 50c postpaid.

"Toronto Parks"
Lawn Grass
SEED..
 is the
 Best
Lawn Grass
 Seed
 for the
Canadian
Climate.



VEGETABLE PLANTS

By Mail or Express

Well Grown, Thoroughly Hardened,
Well Packed, True to Name

Prices Are Subject to Change

The fact that these plants are all grown from choicest stocks of seeds is sufficient recommendation as to the genuineness of the varieties. They can be shipped fresh and well packed at a day's notice. This is of the greatest importance to every planter.

When Plants are to be sent by mail add postage at the rate of Twenty-Five Cents per One Hundred to Prices of Cabbage, Celery and Cauliflower, and Forty Cents per One Hundred to prices of Tomatoes.

Cabbage, Early—Ready April 20 to 30, per 50 per 100
Early Jersey Wakefield \$0 30 \$0 50
Simmers' German Brunswick 30 50
Henderson's Early Summer 30 50

Cabbage, Late—Ready June 1st.
Simmers' German Brunswick 20 30
Surehead 20 30
Savoy Drumhead 20 30
Red Drumhead 20 30

Cauliflower—Ready April 20th to 30th,
Early Dwarf Erfurt 40 75
Early Snowball 40 75

Cauliflower—Ready May 20th to 30th.
Early Snowball 30 50
Dwarf Erfurt 30 50

Celery—Ready June 1st. per 50 per 100
White Plume \$0 40 \$0 75
Paris Golden Yellow 40 75

Celery—Ready June 20th.
Paris Golden Yellow 40 75
White Plume 40 75
Simmers' Large Ribbed White 40 75

Pepper—Long Red per doz \$0 15 50 90

Tomato—Ready May 15th to 30th.
Ignotum 15 50 90
Mikado 15 50 90
Dwarf Champion 15 50 90
Table Queen 15 50 90

Sweet Potato Plants—
Extra Early Carolina and
Early Nansemond 30 75 1 25

We shall be pleased to make special prices on large quantities.



Sweet Potato Plants

TREE SEEDS

Deciduous and Evergreen, Ornamental, Shade, Forest, Hedge and Fruit

"Trees can be as easily grown from seed as the most common vegetable."—Fuller.

CULTURE.—Sow early in spring, in well prepared beds, about two inches deep. When the seeds begin to germinate cover the bed lightly with pine boughs to shade the young plants from the sun. When the plants are all up, the brush should be gradually removed, but replaced again before winter sets in. Let the plants remain in the beds for about two years, then transplant into rows two feet apart, leaving about twelve inches between each plant. Keep the ground clean, and when the plants are strong enough remove them to where they are intended to remain.

Apple Pips—Per oz 10c, ¼ lb 15c, lb 50c.
Arbor Vitae, American (*Thuja Occidentalis*)—A small tree about 30 feet high; popular for hedges, screens, etc. Pkt 10c, oz 25c, lb \$2.50.

Barberry (*Berberis Vulgaris*)—One of the best hedge plants grown. It is very hardy, and forms a dense shrub of 4 to 8 feet high, covered with sharp stout prickles. Pkt 5c, oz 15c, ¼ lb 30c, lb \$1.

Beech (*Fagus Ferruginea*)—A noble forest and shade tree of graceful habit. Wood hard and excellent for many mechanical purposes. Pkt 10c, oz 15c, lb \$1.

Black Thorn (*Prunus Spinosa*)—Pkt 5c, oz 10c, ¼ lb 30c, lb \$1.

Black Walnut (*Juglans Nigra*)—Grows rapidly in good rich soil. The nuts should be planted in the fall. Lb 10c, postpaid 15c; peck 60c, bush \$2.

Catalpa, Hardy Western (*Catalpa Speciosa*)—A handsome shade and ornamental tree of tropical appearance. Foliage large and luxuriant. Flowers borne in large panicles late in the spring. In favorable locations it attains a height of 60 feet or more, it is a very rapid grower, is very hardy and has been tested up to 40 degrees north latitude. Wood very durable. Valuable tree. Per oz 15c, ¼ lb 30c, lb \$1.

Honey Locust (*Gleditsia*)—A well-known tree of ornamental and graceful appearance, extensively used for hedges. Pkt 5c, oz 10c, lb 40c.

Maple, Sugar (*Acer Saccharinum*)—A beautiful as well as a valuable rapid growing tree, preferring a calcareous soil. Pkt 5c, oz 15c, lb \$1.25.

Mountain Ash (*Pyrus Americana*)—Much cultivated for ornament, for which its fine foliage, clusters of white flowers and red berries eminently qualify it. Pkt 5c, oz 10c, lb \$1.

Spruce, Norway (*Abies Excelsa*)—A very popular hedge evergreen, extensively used for sheltering and for screens. Pkt 5c, oz 10c, lb \$1.

Osage Orange (*Maclura Aurantiaca*)—A well-known hedge plant, native of the Southern States. Pkt 5c, oz 10c, lb 60c.

Pear Seed—Pkt 10c, oz 20c, lb \$2.

Pine, Austrian (*Pinus Austriaca*)—One of the most popular pines, being very hardy and ornamental. Grows very rapidly and to a great height. Pkt 5c, oz 15c, ¼ lb 40c, lb \$1.50.

Pine, Scotch (*Pinus Sylvestris*)—One of the most rapidly growing species of pines, very suitable for screens for the protection of orchards or buildings. Pkt 5c, oz 15c, ¼ lb 40c, lb \$1.50.

Pine, Sugar (*Pinus Lambertiana*)—This magnificent tree grows to the height of 300 feet, and endures the cold of the North-West without injury. Pkt 10c, oz 50c, lb \$5.

Quince (*Cydonia Vulgaris*)—Small irregular trees, bearing an excellent fruit for preserves and jellies. Pkt 5c, oz 20c, lb \$2.

Russian Mulberry—A variety of Mulberry brought by the Mennonites from Russia, and as it grows to the height of 30 feet in a few years, and stands the cold of the North-West, will no doubt become a standard for that country. Pkt 5c, oz 25c, ¼ lb 75c, lb \$2.50.

Collection of Tree Seeds for 25 Cents

One packet of each of Black Thorn, Honey Locust, Sugar Maple, Mountain Ash, Norway Spruce, Austrian Pine, Russian Mulberry—7 packets for 25c, by mail, postpaid.

BOOKS, Agricultural and Horticultural

All Books Sent Postpaid on Receipt of Price
Except where Noted.

Apple Culture, Field Notes on. Bailey.....	\$0 75	Horticulturists' Rule Book. Prot. L. H. Bailey.....	Postpaid 85c \$0 75
Art of Propagation. Treats of trees and plants.....	40	How Crops Feed. Prof. S. W. Johnson.....	1 60
Allan's New American Farm Book.....	2 00	How Crops Grow. Prof. S. W. Johnson.....	1 60
American Bird Fancier.....	50	How the Farm Pays. Peter Henderson. Profusely illustrated. Four hundred pages.....	2 00
Animal Breeding. Thomas Shaw.....	1 50	Injurious Insects of the Farm and Garden.....	1 50
Asparagus. F. M. Hexamer.....	50	Insects and Insecticides. C. M. Weed.....	1 50
Alfalfa. F. B. Coburn.....	50	Insects Injurious to Fruits. Saunders.....	2 00
Barry's Fruit Garden. New Edition.....	1 50	Landscape Gardening. F. A. Waugh.....	30
Bee Keeping Explained. Quinby.....	1 00	Mangels, Treatise on. By J. H. Gregory.....	30
Breeds, Study of. Thomas Shaw.....	1 50	Manures, How to Make and How to Use Them. S. W. Semper. Paper.....	40
Bulbs and Tuberous-Rooted Plants. C. L. Allen.....	1 50	Money in the Garden. By P. T. Quinn. A practical work. Illustrated.....	1 00
Cabbage, Cauliflower and Allied Subjects. C. L. Allen.....	50	Mushroom Culture. Published by J. A. Simmers.....	10
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Home Pork Making. A. W. Fulton.....	50		
Hop, The. Herbert Myrick.....	1 50		

FARM SEEDS

CONDITIONS OF SALE—It is impossible for us to guarantee the crop in any way, as there are so many causes over which we can have no control that operate against the growth and productiveness of the seeds. All seeds bought from us must be on the condition that we give no warranty, expressed or implied, as to description, quality, growth, productiveness or any other matter, of any seeds we sell; nor will we hold ourselves in any way responsible for the crop.

If wanted by Mail add 5c per pound postage to all varieties of Field Carrot, Sugar Beet, Mangel and Turnips.

SUGAR BEETS

Sow from the middle of April to the first of June, in drills 2 set apart, then thin to 9 inches to the row. Six pounds of seed per acre, average yield 20 to 25 tons per acre. For milch cattle they are most valuable.

Danish Improved Sugar Beet—This variety is distinguished by its great productiveness; in rich, deep soil, in good cultivation, nearly approaching the standard varieties of Mangel Wurzel in yield of bulk (they standing closer than the Mangels), in connection with a high percentage of sugar. For fattening purposes, and for feeding to milch cows, in cases where a liberal flow of rich, creamy milk is the main object (for butter production), this variety is especially to be recommended. It is one of the cleanest and best beets for cattle feeding that we have. **Price**— $\frac{1}{4}$ lb 10c, lb 30c, 5 lbs \$1.35, 10 lbs \$2.50.

Improved Imperial Sugar Beet—The most popular Sugar Beet for feeding cows, sheep or swine. Yields as much as most Mangels, and contains 8 per cent. of sugar. Has yielded 30 to 40 tons per acre at a cost of 5 cents per bushel. $\frac{1}{4}$ lb 10c, lb 25c, 5 lbs or over 20c per lb.

Wanzleben—In Europe this kind is cultivated on a larger scale than any other Sugar Beet. The root is conical, straight and even, quite large at the head and rapidly tapering. Easy to dig, is a heavy yielder, and contains from 12 to 15 per cent. of sugar. $\frac{1}{4}$ lb 10c, lb 30c, 5 lbs or over 25c per lb.

Red Top Sugar—An excellent variety, growing to a very large size. $\frac{1}{4}$ lb 10c, lb 25c, 5 lbs or over 20c per lb.

White Silesian—The root is slender, being about 3 to 4 inches in diameter at the shoulder, and tapers gradually to a point. Yields nearly 20 tons per acre, containing 8 per cent. of sugar. $\frac{1}{4}$ lb 10c, lb 20c.

SUGAR BEET—Culture of, by Herbert Myrick.
Price 50c.

FIELD CARROTS

SIMMERS' IMPROVED GIANT SHORT WHITE

We always claimed this carrot to be the equal, if not the superior, of every white field carrot, and it has certainly fully proved all we ever said about it. It is of good shape, very broad at the shoulder, tapering to a point; its surface is very smooth, with few or no roots growing on the sides. In texture it is very fine, and in color pure white, with an excellent flavor. These are the individual points of the carrot. In addition it is a very **heavy cropper**, in fact it is by far the **heaviest** of any other we have ever heard of, and on account of its shape and of its smooth skin, it is **easily harvested**. The above is a true description of the carrot we offer as our **Improved Giant Short White**, and for its own qualities it should be grown by everyone who wants a white field carrot. It is especially suitable for shallow soil. In shape it very much resembles the Oxheart, except that the roots grow more to a point. When other varieties require digging, our **Improved Giant Short White can be pulled**. Try it for yourself, and you will not be disappointed. Oz 5c, $\frac{1}{4}$ lb 15c, lb 40c.

Large White Belgian—This attains the largest size, and will yield more in bulk than any other sort grown. The root is thick and long, growing from $\frac{1}{4}$ to $\frac{1}{2}$ of its length above the surface. Oz 5c, $\frac{1}{4}$ lb 15c, lb 40c.

Yellow or Orange Belgian—Color pale orange. A good keeper. Oz 5c, $\frac{1}{4}$ lb 15c, lb 40c.

Improved Long Orange or Surrey—A standard late variety, handsome and uniform in shape, deep orange color, good flavor, yields heavily. Oz 5c, $\frac{1}{4}$ lb 15c, lb 40c.

Altringham—A long red variety profitably (grown for field or general crop. Oz 10c, $\frac{1}{4}$ lb 20c, lb 60c.

Scarlet Intermediate—Stump-rooted, valuable variety for shallow soils. Oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 60c.

SPECIAL OFFER NO. 18

SIMMERS' IMPROVED GIANT SHORT	1 oz each of the 2 varieties, 10c postpaid.
WHITE CARROT, and	—1-4 lb “ “ 25c “
DANISH IMPROVED SUGAR BEET	1 lb “ “ 75c “

We hold a very large and carefully selected stock of Agricultural Seeds of the most reliable quality and unequalled in Canada.



Danish Improved Sugar Beet



Simmers' Improved Giant Short White Carrot

CHICORY

Chicory seed should be sown in the spring in drills half an inch deep, and in good, mellow soil; the after culture is the same as for Carrots. In the autumn the plants will be ready for blanching, when it is used as a salad. The principle use of Chicory, however, is to use with coffee. One ounce of seed will sow about 100 feet of drill, and from 2 to 3 pounds per acre. **Large Rooted Long Magdeburg**—Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 40c, 5 lbs or over, per lb 35c.

MANGEL WURZEL

If Wanted by Mail Add Five Cents Per Pound Postage

We have a very fine trade on Mangel Seed, and are careful to see that our stocks keep pace with all the improvements that are being made from year to year. We have our seed grown under contract in England by experts in that line, as there is no place in the world where Mangels and Turnips are produced in such perfection. Mangel and Turnip seed can be grown in the south of France for less than one-half the price we pay for our seed, but as it cannot be depended on to give satisfaction we do not handle it.

Simmers' Mammoth Prize Long Red—Our stock is a great improvement on the old variety. The roots are very large, uniformly straight and well formed. Color deep red. Roots solid. Tops small. Roots attain a large size, specimens being exhibited which weighed 55 pounds. Produce an immense bulk and tonnage. Per $\frac{1}{4}$ lb 10c, lb 20c; for 5 lbs and over, per lb 18c.

Chirk Castle Strain Mammoth Long Red Mangel—The greatest Mangel of the century. This new strain of the Mammoth Long Red Mangel is enormously productive; 1,500 to 1,800 bushels per acre is nothing uncommon on good soil, and many experimental stations and trial tests in the past year have produced considerably more. Single specimens have weighed over 60 pounds each. It is particularly remarkable for its handsome shape and broad shoulders, in diameter being greater and its weight very much heavier. The flesh is red, of very fine texture and quality, containing less water and more sugar than any other mangel, making it more nutritious and milk producing. Sheep and other stock thrive better when fed on it, picking out pieces of it in preference to other kinds. Prominent mangel authorities consider this strain by far the most valuable and profitable of all mangels. Per $\frac{1}{4}$ lb 10c, lb 30c; 5 lb and over, per lb 27c.

Long Red—The old popular variety, yielding heavy crops. Per $\frac{1}{4}$ lb 10c, lb 20c; for 5 lbs and over, per lb 18c.

"Rivenhall Giant" Yellow Globe—This splendid Mangel, which has been raised and carefully selected by our grower, possesses all the fine feeding qualities of our Giant Yellow Intermediate, and it is also similar to that well-known variety in color—a rich golden-yellow. The bulbs are Globe shape, large, very handsome appearance. Hardy in constitution and even under ordinary cultivation produces a great weight of roots per acre. It is also a remarkably clean grower and pulls well. Strongly recommended as a heavy cropper of most nutritious quality. $\frac{1}{4}$ lb 10c, lb 25c; 5 lbs and over, per lb 23c.



Giant Yellow Intermediate or Mammoth Half-Long Mangel

Champion Yellow Globe

This is one of the most generally grown of all the different varieties of mangels, and is very productive, easily pulled and an excellent keeper when stored in heaps for winter use. It is spherical in shape and an orange-yellow color—that portion growing above the surface is tinged with green. The flesh of the root is yellow, firm and sugary. Per $\frac{1}{4}$ lb 10c, lb 20c; for 5 lbs and over, per lb 18c.

Golden Flesh Tankard—The special features are the rich, deep yellow color of the flesh and its nutritious and milk producing qualities. In England, where it is considered indispensable, large dairy farmers state that they are not only able to obtain a higher price per gallon for milk from cows fed on this mangel, but also that the cows are in much better condition fed on hay and Golden Tankard Mangel alone than if fed on hay, Yellow Globe Mangel and four pounds of linseed cake per day. Per $\frac{1}{4}$ lb 10c, lb 20c; 5 lbs and over, per lb 18c.

Giant Yellow Intermediate, or Mammoth Half-Long—This entirely distinct mangel, first introduced by us, is considerably larger than the Yellow Globe Mangel, and is a beautiful russet yellow color. As shown in the illustration, it is remarkably even in shape, rather elongated, and of vigorous growth; it has a fine neck, large leaves with green stems and a very smooth, fine skin. The flesh is white, firm and sweet, greatly relished by cattle. Per $\frac{1}{4}$ lb 10c, lb 20c; for 5 lbs and over, per lb 18c.

SPECIAL OFFER, NO. 19

FIELD ROOTS

Simmers' Improved Giant Short White Carrot.

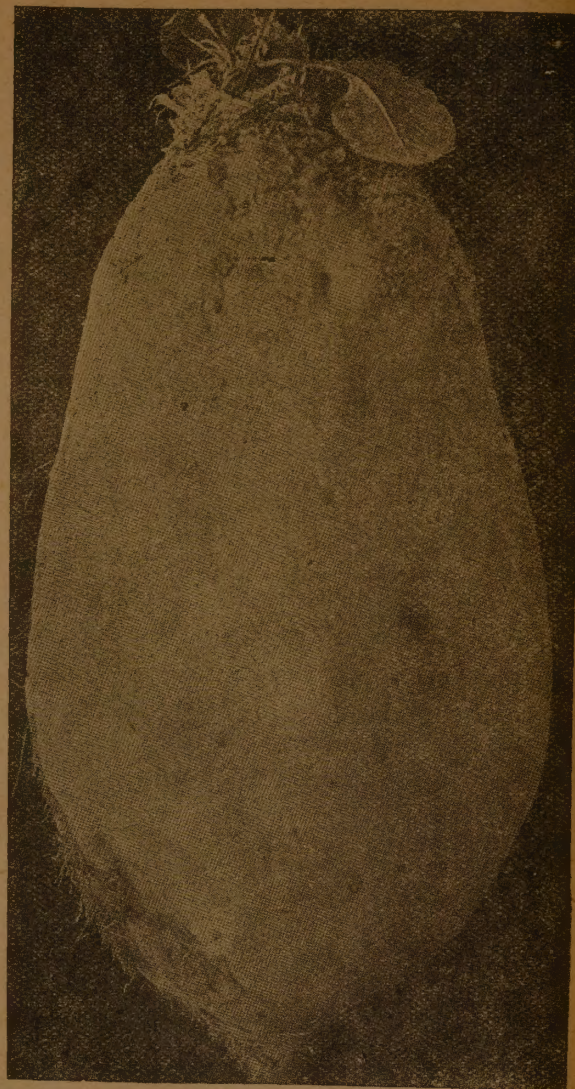
Simmers' Improved Mammoth Prize Long Red Mangel.

Simmers' Improved Selected Champion Purple-Top Swede Turnip

1 oz each of above 3 varieties..15c postpaid

$\frac{1}{4}$ lb Carrot, $\frac{1}{4}$ lb Mangel, 1 lb Turnip, $\frac{1}{4}$ lb

Carrot, $\frac{1}{4}$ Danish Improved Sugar Beet.....90c "



Chirk Castle Strain Mammoth Long Red Mangel

Mammoth Red Intermediate, or Oval-Shaped Giant—Very large and solid, fine grained variety, suitable for heavy ground, keeping as well as turnips during winter. Per $\frac{1}{4}$ lb 10c, lb 20c; 5 lbs and over, per lb 18c.

Red Flesh Tankard—A very large and heavy cropper, with small top and single tap-root, very solid and nutritious. Per $\frac{1}{4}$ lb 10c, lb 20c; for 5 lbs and over, per lb 18c.

Long Yellow—Similar in growth to Long Red, and considered by some growers sweeter in flavor and therefore preferred by cattle. Per $\frac{1}{4}$ lb 10c, lb 20; for 5 lbs and over, per lb 18c.

"How to Grow Mangel Wurzel," J. H. Gregory, 35 cents.

Imperial Giant Half-Sugar Beet

ITE DISTINCT FROM ANY OTHER ROOT IN CULTIVATION

This new type is a cross between the Sugar Beet and Mangel Wurzel, combining the large size of the former and the superior sugar qualities of the latter, and we consider it to be one of the most valuable introductions of recent years. Among the trials of field roots the past season, none was more promising than this. The root, which is well shown in the accompanying illustration, is intermediate in shape, standing upright, and at least three-fourths of its length out of the ground. The color of the root is deep pink above the ground, shading lighter and sometimes almost white at the tip. The flesh is white, firm and very sweet, and greatly relished by cattle. It is certainly a magnificent root, and produces enormous crops. The fact of the roots growing well above ground allows them to be the easiest of all roots to harvest.

Price, per one-quarter pound 10 cents, per pound 25 cents; five pounds and over at 23 cents per pound.



Imperial Giant Half-Sugar Beet

UNIVERSAL PURPLE-TOP SWEDE TURNIP

One of the Best Purple-Top Swedes for All Soils

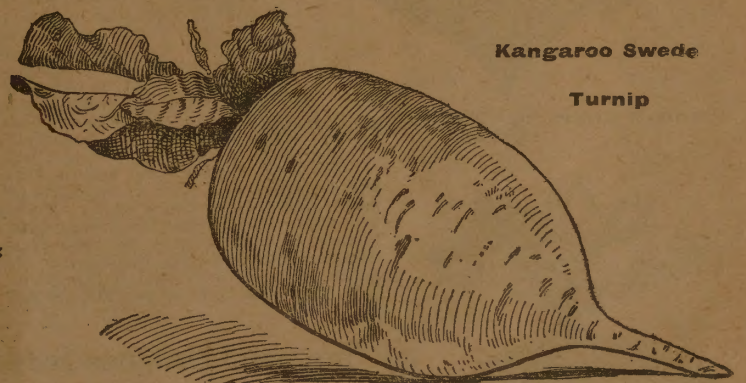
A magnificent new variety of exceedingly hardy constitution, standing well during severe weather, and keeping sound and good until very late in the spring, when many other varieties have failed. The root is well shown in our illustration stands high out of the ground, and is of handsome appearance. The yellow flesh is solid, of rich quality, and much appreciated by all classes of stock. Growing but a small top, with its uniform shaped root it will stand somewhat thicker in the rows than most swedes, when a very heavy weight per acre can be grown.

Price, per one-quarter pound 10 cents, per pound 30 cents; five pounds or over at 25 cents per pound.



Universal Purple-Top Swede Turnip

This Swede is particularly adapted to soils and districts that are cold and backward



Kangaroo Swede
Turnip

Kangaroo Swede Turnip

A very hardy Swede, similar in size and growth to Elephant, color a bronze-green

This splendid hardy Swede possesses the heavy cropping features of the famous Elephant or Monarch, with the grand constitution of the best types of bronze-green top swedes, and is increasing in popularity each year, particularly in those districts where the land lies exposed and is consequently cold and backward. It has been largely grown in the lower provinces of Canada, where it has produced the heaviest crops ever known in that section of the country.

Price, per one-quarter pound 10 cents, per pound 30 cents; five pounds or over at 25 cents per pound.

Special Offer, No, 20

Imperial Giant Half-Sugar Beet
Universal Purple-Top Swede Turnip
Kangaroo Swede Turnip

One-quarter pound each 30 cents, one-half pound each 45 cents, one pound each 95 cents, postpaid.

TURNIPS

Grown from Selected Roots

The following are the most popular standard English and other varieties, having for years given the greatest satisfaction to our numerous customers, being procured from the most reliable growers. The **Swedes** are sown from May until the middle of July; the **Aberdeens** and **Globes** from July to the latter part of August. If sown broadcast, from 1 to 2 pounds are required to the acre; and if sown in drills, from 2 to 4 pounds are required to the acre.

To the price of Turnip seed, when wanted by mail add 5c per pound for postage. Special prices on club orders, farmers' orders, or large orders for any variety of our Turnip seeds.

Simmers' Champion Purple Top Swede



Simmers' Champion Purple Top Swede Turnip

This magnificent Swede, the result of judicious selection, is the hardiest, most productive and most nutritious purple top variety in cultivation. It is a large, yellow, slightly oblong, with single tap-root; free from coarseness of neck, and for uniformity of crop and keeping qualities is superior to all other Swedes. It produces a very heavy weight per acre, keeps sound and good until late in spring; flesh always rich and sweet in flavor. Per $\frac{1}{4}$ lb 10c, lb 25c, in 5 lb lots and over, 20c per lb

Elephant or Monarch

The reports received during past years from all sections of Canada pronounce this Turnip to be unequalled in size, quality and uniformly handsome appearance. The yield compared with other well-known roots, has been from 2 to 6 tons more per acre. In shape it is very distinct, being of the tankard type. The crown of the bulb is a beautiful bright purple and the lower half deep yellow; the flesh is very solid and nutritious and there is an almost total absence of fibrous or fangy roots. During the past seasons this variety has proven most satisfactory, so much so that we have every confidence in recommending Elephant or Monarch Swede to the farmers of the Dominion. Per $\frac{1}{4}$ lb 10c, lb 25c, 5 lbs or over 20c per lb.

Simmers' Defiance Swede Turnip



Simmers' Defiance Swede Turnip

This magnificent variety is unquestionably the most profitable of all bronze top Swede turnips, as well as the hardiest, heaviest, best shaped and by far the most productive, a yield of 1,000 bushels per acre and over, under careful cultivation, being of frequent occurrence. Bulbs are somewhat oval in shape, slightly oblong and remain sound and good indefinitely. Flesh is of a beautiful yellow color, always sweet, tender, juicy and nutritious, a variety that should be sown in preference to all others. Per $\frac{1}{4}$ lb 10c, lb 25c, 5 lbs or over 22c per lb.

BANCHOLM IMPROVED PURPLE TOP

Large and solid, should be sown on rather heavy loam. Per $\frac{1}{4}$ lb 10c, lb 20c, 5 lbs or over 18c per lb.



Elephant or Monarch Swede

	Per	5 lbs	10 lbs	20 lbs
Carter's Imperial —On properly prepared ground never failing to produce a heavy crop of well-shaped, solid roots.	$\frac{1}{4}$ lb	10c	20c	18c
Drummond's Purple Top Swede —A selected Scotch variety of great excellence, globular in shape, large solid of finest quality.	10	20	18	
East Lothian Purple Top —A favorite variety, solid and not liable to run to necks.	10	20	18	
Fettercairn Green Top —One of the oldest and most extraordinary heavy yielding varieties on rich loamy ground.	10	25	20	
Highland Prize —A very heavy cropping Swede and an excellent keeper, the roots being of handsome oval shape, uniform size.	10	20	18	
Hazzard's Green Top —Distinct variety; the flesh is firm and white, its hardy keeping qualities are superior to most sorts, and adapted to either field or garden cultivation.	10	25	23	
Hartley's Bronze-Top —Oval-shaped bulbs, large and solid, small neck and single tap-root, rich in quality, productive and a good keeper.	10	20	18	
Hall's Westbury —A very fine quality of Swede, good keeper.	10	20	18	
Knowfield Purple Top —A large solid variety, of oblong shape and suitable for clay ground.	10	20	18	
King of the Swedes —Very much like the preceding variety, but somewhat more uniform in size.	10	25	20	
Laing's Improved Purple Top —A globe-shaped variety, with small top and tap-root, suitable for sandy ground.	10	25	20	
Royal Norfolk Purple Top —A favorite variety with Norfolk growers, being a heavy cropper, very nutritious and a good keeper, one of the best.	10	20	18	
Sutton's Champion Purple Top —One of the heaviest yielding varieties and a general favorite.	10	20	18	
Skirving's Improved Purple Top —Large, of solid, strong and quick growth, suitable for clay soil.	10	20	15	
Sharpe's Improved Purple Top —A very heavy cropper, with small top, thin neck.	10	20	18	
Scottish Champion —Fine large roots, good for heavy soils.	10	25	20	
Shamrock Purple Top —Producing on well-prepared ground the heaviest and most uniform crop of well-shaped roots.	10	20	18	
White Giant Purple Top —A quite distinct sort of enormous size, preferred by many growers to the yellow varieties.	10	25	20	

YELLOW AND WHITE VARIETIES

Aberdeen Purple Top Yellow —For sowing after the Swedes.	10	25	20
Aberdeen Green Top Yellow —With green tops.	10	25	20
White Globe —For sowing after the Aberdeen, late as August.	10	20	18
Cow Horn —Long, white, in shape resembling a cow horn.	10	30	25
Red Globe Norfolk —Medium sized; should be fed early.	10	20	18
Improved Purple Top Mammoth —A variety producing a greater weight per acre than any other turnip, fine shape, excellent for early feeding, keeps well in winter if sown late.	10	20	18
Greystone —A white variety, sown as late as the preceding.	10	20	18

NEW GRAIN-SPELTZ

Claimed to yield 80 to 100 bushels of richer food than Corn, besides giving as much as 4 tons of good hay per acre. Speltz is best described as a combination of Wheat, Rye and Barley, and for fattening Cattle, Poultry, Horses, Sheep, Pigs, etc., is equal to other grains. Heads similar to two-rowed Barley. Is not easily injured by the weather and will produce enormous crops on poor soil. Every farmer should try it.

A most wonderful new grain which we are sure will prove of great value. For centuries past it has been grown in a limited way in Eastern Russia near the Caspian Sea, its value not being known to the civilized world. Nine years ago an emigrant from there brought some to this country, and it yielded more than either barley or oats. It is of high value for feeding and will make a fair grade of flour somewhat similar to rye. Our illustration which represents one plant, shows somewhat the shape of the grain which is intermediate between wheat and barley, the spikelets being separated from each other in such a manner that the crop is not easily injured by the weather. Will grow well and produce immense crops on poor soil, and dry weather appears to have no effect on it. It has given splendid satisfaction to our customers and every farmer should try it.

CULTURE—The culture of Speltz is simplicity itself. It's just as easy as sowing oats or corn. Prepare your land as you would for wheat or oats, and sow at the rate of 75 to 100 lbs. per acre. In the green state it makes an excellent pasture. Cut when the grain is past the middle stages of milk, when it will make splendid grain and lots of straw hay of excellent quality. Thresh like wheat, only not so closely. The hull and kernel can then be fed or first ground.

Price—Lb 15c, 3 lbs 40c, by mail (pcstpaid); peck 75c, bush of 40 lbs \$1.25, a bush or more at \$1.20, 5 to 10 bush at \$1.15.

BARLEY

"CHAMPION" Six-Rowed Beardless Barley The best Barley ever offered, for a barley without a beard is an advantage, and then when you can get a variety such as this beardless, easy to harvest, tremendous in yield—what more do you want. These good qualities are all contained in the above variety, which has strong, stiff straw about 4 feet in length, with long well-filled heads. The grain is plump and very heavy, being in this respect superior to the old Success Beardless Barley, as also in its greater yield per acre.

Price—Per 2 lbs 25c, 4 lbs 50c (postpaid); peck 50c, bush \$1.50.

"Ideal" White Hulless—It is hulless, beardless, early, weighs over 60 lbs to the measured bushel, it yields well on poor land, yields enormously on good land, makes better pork than corn, makes excellent flour, the straw makes good hay, is of inestimable value to everyone who feeds stock. Per lb (postpaid) 15c, 3 lbs (postpaid) 40c, peck 40c, bush \$1.25, a bush or over at \$1.20.

Black Hulless—Per lb (postpaid) 15c, 5 lbs (postpaid) 50c, peck 30c, bush (60 lbs) \$1.00, a bush at 95c, 5 bush or over at 90c.

Oderbrucker—C. A. Zavitz, of the Guelph Experimental Farm, says:—"The Oderbrucker barley is an excellent variety. It is a six-rowed barley, fairly early in ripening, yields well, and is one of the heaviest in weight per measured bushel of all the varieties which we have grown at this place. The Oderbrucker and Mandscheuri varieties of barley have produced the largest average yields of grain per acre of all the varieties which we have grown over a series of years. The Oderbrucker, as a rule, does not yield as much as the Mandscheuri, but it weighs more per measured bushel." Per lb 15c, 4 lbs 50c (postpaid); peck 30c, bush \$1.00.

Mandscheuri, Six-Rowed—Ontario Agricultural College report says:—"Among 37 varieties of barley grown for the past five years, Mandscheuri stands at the head of the list for yield." Bush 75c, 5 bush or over 70c.

Baxter's Selected Six-Rowed—Per lb 10c (postpaid); peck 25c, bush 80c.

Canadian Six-Rowed—Per bush 75c, 5 bush or over 70c.

Chevalier Two-Rowed—Grown from imported seed. Per bush 90c, 2 bush at 85c.

Duckbill Two-Rowed—Per bush 90c, 2 bush at 85c, 10 bush or over at 80c.

BUCKWHEAT

Japanese—Per 2 lbs 25c, 5 lbs 50c (postpaid); peck 25c, bush 90c.

Silver Hull—Per 2 lbs 25c (postpaid); 5 lbs by mail 50c, peck 25c, bush 80c.

Common Gray—Per bush 80c, 2 bush at 75c.

BEANS The Prolific Dwarf Tree—White. Per lb 10c, peck 75c, bush \$2.75.
California Pea—Yellow, very productive. Per lb 10c, peck 75c.

Postage 5c per lb extra.

FLAX SEED Of new crop, re-cleaned for medicinal purposes. Per lb 10c, 5 lbs 40c, 10 lbs 60c. Postage 5c lb extra.

For sowing, market price now about \$2.25 per bush of 56 pounds.

PEAS

Cow Peas—See page 37.

Grass Peas—The Grass Pea will effectually resist the bug, while for feeding it is claimed to equal the ordinary varieties. The shape of the pea is triangular, and is about the size of the Golden Vine or perhaps a little smaller. The straw is long and very fine and makes excellent feed. Try it. Per lb 15c, 3 lbs 40c (postpaid); peck 35c, bush \$1.20.

Canadian Beauty—Per 2 lbs (postpaid) 25c, 4 lbs (postpaid) 50c, peck 40c, bush \$1.40.

Mummy—It ripens about the same time as the Marrowfat, bearing its pod on the top of the haulm, yields one-half more peas to the acre than any other field variety. Per lb (postpaid) 10c, peck 30c, bush \$1.10.

Multiplier—A fine white pea, which matures a few days earlier than the Golden Vine. It is much more productive than any of our common field varieties. Peck 30c, bush \$1.10.

Also the following varieties of Peas:—Golden Vine, White Marrowfat, Black-Eyed Marrowfat, Prussian Blue, Prince Albert, Crown. Price on application.

GIPSY PEA (Also called EGYPTIAN OR CHICK PEAS.) Positively Bug Proof. This Distinct Variety is something new in the seed grain line. Prof. Zavitz, of the Ontario Agricultural College, says:—"Like the Grass Pea, this variety is entirely free from the ravages of the pea weevil. The seed is somewhat larger than that of the common pea, and is enclosed in short thick pods. Usually not more than one pea in each pod. As a producer, it has been carefully tested for five years and the average results show a yield of over 38½ bushels of grain per acre, from which it will be seen that the "Gipsy" is a large yielding variety. The weight of the grain per measured bushel is over 62 lbs. The straw is usually of poor feeding quality, as the leaves drop from the plants as they ripen, and the stems become of a fibrous nature. As the plants have a short, upright branching growth, they are not apt to lodge, even when grown on very low-lying land, which is really the kind of soil best adapted to the cultivation of this Pea.

Price—1 lb 15c (postpaid); peck 75c.



Speltz



White Hulless Barley

Champion Six-Rowed Beardless Barley

SPRING RYE Bush 90c.

Tares or Vetches For Spring Sowing—(Sow from 2 to 2½ bushels per acre.) Grown for a forage crop. They can be cheaply raised; fed green, cured or ensilaged. They are sown at the rate of one-half bushel to the acre, with about one-quarter bushel oats to hold them up. Bush \$1.50.

We do not pay Freight on Seed Grain.

Genuine Dwarf Essex Rape is the Greatest Pasture and Soil Improver Grown. See page 37.

Send for Weekly Price List of Seed Grain, Clover and Grasses.

Fodder Corn

THESE PRICES ARE SUBJECT TO CHANGE WITHOUT NOTICE

Send for Weekly Price List of Seed Grains, Clovers and Grasses
When ordering Corn do not forget to include price of bags.

PRICES QUOTED ARE NET CASH

DENT VARIETIES

Simmers' Earliest Ripe Fodder Corn

This corn will ripen in 60 days and furnish magnificent feeding corn just at a time when farmers are short of corn. If you plant this early you will have fine feeding corn by July, when you can replant same and have good Fodder Corn in September. Now there has been for the past few years a great demand, or better, a call, for an extremely early Fodder Corn, and in order to meet this demand, we now offer the MOST PERFECT, EARLIEST, RICH FODDER CORN IN EXISTENCE. This corn will ripen out ears inside of 60 days after planting, and usually from 2 to 3 ears on the stalk. The foliage is about 6 feet high, very leafy and bushy, and contains a tremendous amount of nutritious matter. Lb. 15c, 3 lbs 40c, postpaid; by express or freight, peck 50c, bush \$1.50.

WHITE GIANT EARLY DENT—This variety stands at the head of all for hardiness and productiveness; not quite so early as some, but still early enough to mature fully. Stalks and leaf very heavy. Lb 15c, 3 lbs 40c, postpaid; peck 35c, bush \$1.35.

WHITE CAP YELLOW DENT—This corn is the best early for Ensilage yet introduced. Large, heavy stalks and ears. This variety has more genuine merit, more fine and lasting points than any corn in cultivation. It is from 7 to 10 days earlier than many varieties, and on poor, thin soil will out-yield the Leamings by at least 30 per cent. The originator claims it has more testimonials for earliness, easy shelling, productiveness, beauty, growing strength, fodder and all round qualities than any other variety. 2 lb 25c, postpaid; peck 35c, bush \$1.25, 2 bush at \$1.20, 5 bush at \$1.15.

THE EARLY MASTODON—Claimed to produce the longest grains and longest ears of any 100-day corn in cultivation, with most extraordinary yielding qualities. It grows quick, and strong. 2 lb 25c, postpaid; peck 35c, bush \$1.30, 2 bush at \$1.25, 5 bush at \$1.20.

WISCONSIN YELLOW DENT—This variety is in every way one of the most desirable. Average weight of ears 9 to 10 ounces, with many rows, there being generally from 18 to 20 and often as high as 21, kernels of a bright yellow color, cob red. 2 lbs 25c, postpaid; peck 35c, bush \$1.30, 2 bush at \$1.25, 5 bush at \$1.20.

WISCONSIN WHITE DENT—Ears average 16 rows, grains extra long and wide, 2 of which will span the cob, which is usually small for the size of the corn, and is generally white. The stock is short and thick, with ears set low; roots deep, easily withstanding severe storms and droughts. 2 lbs 25c, postpaid; peck 35c, bush \$1.30, 2 bush at \$1.25, 5 bush at \$1.20.

HICKORY KING CORN—Of strong, vigorous growth, the stalks take a firm hold in the ground and stand upright resisting the severest storms. It yields splendid crops on light soil. 2 lbs 25c, postpaid; peck 35c, bush \$1.30, 2 bush at \$1.25, 5 bush at \$1.20.

CHESTER COUNTY MAMMOTH—It yields under good cultivation, from one hundred to one hundred and thirty bushels shelled corn per acre. Ears are very large. It furnishes a large amount of fodder, growing 12 to 16 feet high. 2 lbs 25c, postpaid; peck 35c, bush \$1.30, 2 bush at \$1.25, 5 bush at \$1.20.

MAMMOTH CUBAN YELLOW—The grains are pure yellow and very large, broad and long. The fodder grows on the stalks in great quantities and of the finest flavor. As sweet and tender as sugar corn. 2 lbs 25c, postpaid; peck 35c, bush \$1.25, 2 bush at \$1.20.

CUBAN GIANT WHITE—Similar to the preceding, grains white. 2 lbs 25c, postpaid; peck 35c, bush \$1.25, 2 bush at \$1.20.

EARLY BUTLER—This is without doubt one of the earliest Dent Corns. It is a cross from Pride of the North, grows good-sized ears with long grains and a very small cob, corn of a beautiful golden-yellow color. The Butler is adapted for high latitudes, and will mature further north than any known variety. It grows strong and very quickly. 2 lbs 25c, postpaid; by express or freight, peck 20c, bush \$1.30, 2 bush at \$1.25, 5 bush and over at \$1.20.

EVERGREEN SUGAR—For Green Fodder—There is nothing better for early fall green feed or for curing for winter than sweet corn. It has the great merit of being so sweet and palatable that cattle eat every part of stalks and leaves, and consequently none is wasted. Lb 15c, 3 lb 40c, postpaid; peck 40c, 1 bush 75c, bush \$1.40, 2 bush at \$1.30.



FLINT VARIETIES

FARMERS' SURPRISE—Undoubtedly the earliest 8 rowed variety yet produced. The ears are long and freely borne on the stalks, which are very heavy and leafy. Farmers' Surprise can be grown and ripened in districts where heretofore a corn crop has been uncertain. 2 lbs 25c, postpaid; peck 40c, bush \$1.40.

MAMMOTH 8-ROWED YELLOW—It is entirely distinct, being as described, the Mammoth 8-Rowed Yellow Corn, a great improvement on the old yellow Canada corn, 8-rowed, which is the general corn used by farmers for feeding purposes. The ears, when harvested, are long and well-filled with corn which is double the size of the ordinary yellow Canada corn or the Compton Early Yellow. 2 lbs 25c, peck 35c, bush \$1.40, 2 bush at \$1.35.

RURAL THOROUGHbred WHITE FLINT—A variety of spreading habit—not more than one kernel should be grown in the hill. Its great suckering habit, breadth of blade and smallness of stalk recommend it as a fodder plant, while for ensilage purposes it is most valuable. 2 lbs 25c, postpaid; peck 35c, bush \$1.40, 2 bush or over at \$1.35.

COMPTON'S EARLY YELLOW—The productiveness of the Compton is remarkable, with more rows to cob than any other Flint corn. The grains are very small, round and heavy. It is very hardy, and sure to grow and produce a crop. 8 to 10 feet. 2 lbs 25c, postpaid; peck 35c, bush \$1.30, 2 bush at \$1.25.

SALZER'S NORTH DAKOTA WHITE FLINT—A grand variety, matures early, yields enormously, produces a larger number of good ears and a smaller number of poor ears than any other variety. 2 lbs 25c, postpaid; peck 35c, bush \$1.30.

EARLY YELLOW CANADA—The earliest yellow for field or table use. 2 lb 25c, postpaid; pk 35, bu \$1.30.

ANGEL OF MIDNIGHT—(One hundred day)—An extra early 8-rowed yellow Flint variety. 2 lbs 25c, peck 35c, bush \$1.30, 5 bush at \$1.25.

LONGFELLOW—An 8-rowed yellow Flint variety, with ears 10 to 15 inches long, cob small, kernels quite broad. 2 lb 25c, peck 35c, bush \$1.30, 5 bush at \$1.25.

EARLY WHITE FLINT—Very desirable for table use. 2 lbs 25c, postpaid; pk 35c, bu \$1.30, 5 bu at \$1.25.

KING PHILIP—(Reddish Flint)—One of the oldest and best known of the Flint varieties. 2 lb 25c, postpaid; peck 35c, bush \$1.30, 5 bush at \$1.25.

Selected Ensilage Corn

SIMMERS' PARAGON WHITE ENSILAGE—This superior ensilage corn we can recommend from experience as being the heaviest cropping variety in cultivation, producing 50 to 75 tons per acre. It grows 13 to 14 feet in height. Peck 35c, bush \$1.25.

Red Cob Ensilage—So called owing to its cob being quite red; the kernel is perfectly white, resembling very closely the ordinary Horse-Tooth Corn. Peck 35c, bush \$1.30.

Mammoth Southern Sweet Ensilage—Peck 30c, bush \$1.20.

Yellow Horse-Tooth or Dent—Peck 30c, bush \$1.20.

Pride of the North—(Early Golden Dent Corn)—Very early. The stalks usually grow from 8 to 10 feet in length, and produce from one to three good ears. Peck 35c, bush \$1.30, 5 bush at \$1.25.

Leaming Corn—Nearly always two good ears to each stalk. It withstands severe drouth by reason of its earliness in maturing, strong and vigorous growth and its stalky and leafy nature. Per peck 35c, bush \$1.30, 5 bush at \$1.25.

FORAGE PLANTS . .

Sowing Rape (1 to 2 pounds per acre in drills; 4 to 6 pounds broadcast.)

A field of Rape coming into use when the pasture is almost barren from continuous feeding and dry weather, is a boon to the farm. For feeding sheep and lambs, preparatory for the market, nothing is better; not only does it fatten quickly, but imparts a quality to the flesh superior to almost any other pasture. It has been estimated that one acre of Rape, when not preceded by any other crop the same season, will feed from 35 to 40 lambs for two months, and that the gain in flesh per month was from eight to twelve and one-half pounds on each lamb. Young cattle thrive upon it as well as swine. Rape may be sown either in rows or drills and cultivated or may be sown broadcast. When sown in rows the plant will grow much stronger and more luxuriant in foliage, and will also stand longer feeding, as it is less liable to be tramped down. It may be sown in May, and when it is sufficiently advanced it can be fed off, and then allowed to grow up again, thus giving a second crop the same season; but the usual time for sowing is the last half of June until end of July, and it has been sown towards end of August with success. The cultivation of rape should commence as soon as it is well started, and with repeated cultivation until the leaves become too large to work between the rows. Rape is always plowed under as a fertilizing crop.

DWARF ESSEX, or Large Leaved English—Per lb 10c, 10 lb lots 80c, 25 lb lots and upwards \$1.75, 50 lb lots and upwards \$6.00 per 100 lbs.

Teosinte (Reana Luxurians)

This plant will furnish a continuous daily supply of most nutritious green food for horses and all kinds of cattle all through the summer. It also makes a splendid dry fodder. In appearance, it somewhat resembles Indian corn, but the leaves are much larger and broader, and the stock contain sweeter sap. It stools out enormously after being cut. Sow in May or June, at the rate of three pounds per acre, in drills four feet apart. Per oz 10c, 1 lb 30c, lb \$1.00 postpaid.

Japanese Millet

A variety recently introduced and greatly surpassing the ordinary variety of Millet and Hungarian grass in vigor of stock yield of seed and value of crop. The stalks are very juicy, making excellent green food. When cured as hay, chopped, moistened and sprinkled with meal, it is readily eaten by cattle and horses. Sow in drills 15 inches apart, with 12 to 15 pounds per acre. Price, postpaid, pkt 5c, lb 15c, 3 lbs for 40c; 10 lbs 75c, carriage extra. Price for larger quantities on application.

NEW SIBERIAN MILLET—A new and wonderfully productive forage plant from Russia, which has given excellent results. It is extremely hardy and about two weeks earlier than German Millet, growing about 4 feet in height. Its stooling properties are remarkable, as high as 41 stalks having been grown from one seed. Hay and fodder are very nutritious and much liked by all kinds of stock. Sow in May or June, 1 bush to 1 bush to the acre. Lb, 25c, 3 lbs 60c, postpaid; peck 60c, bush \$2.50.

Teosinte

Mammoth Russian Sunflower

Single heads measure 12 to 22 inches in diameter, and contain an immense quantity of seed, and excellent and cheap food for fowls. They eat it greedily, fatten well on it, better than on almost any other food. It can be raised cheaper than corn. Every farmer should plant some of the seed in any waste piece of ground. Four quarts seed will plant an acre. Oz 5c, 1 lb 10c, lb 20c, postpaid. By express—10 lbs 70c, 25 lbs \$1.50.

Early Amber Sugar Cane

The earliest and most productive variety. Height 10 to 12 ft. Its saccharine matter is of first quality, fine and rich. Sow 4 quarts in drills, and 8 quarts broadcast to the acre, Pkt 5c, lb 15c, 5 lbs 60c, postpaid; 10 lbs 60c.

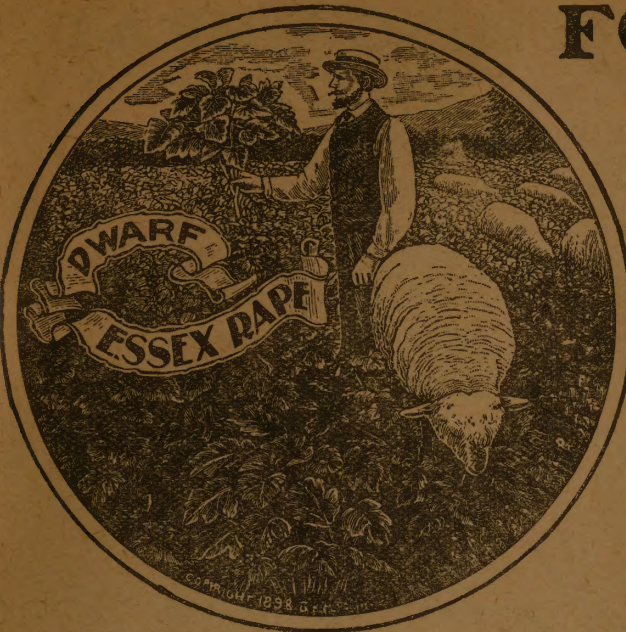


Mammoth Russian Sunflower

Large Giant Spurry—Should be sown at the rate of 15 lbs to the acre, and is in best condition for pasture from four to six weeks after sowing. Lb 20c, 6 lbs \$1.00, 10 lbs and over at 15c per lb, 50 lbs and over at 10c per lb, 100 lbs and over at 9c per lb.

FLAT PEA (Lathyrus Sylvestris Wagnerii)—Recommended highly for lands too poor to pay the cost of cultivation, for worn-out pastures, and waste places about the farm. Pkt 10c, oz 30c, lb \$3.00, by mail postpaid.

Sacaline—It grows well on the poorest soils, is perfectly hardy, and endures the extremes of heat and cold. It grows to the height of ten or twelve feet. Pkt 10c, 3 for 25c, oz 75c, lb \$9.00.



Cow or Southern Peas

There is no surer or cheaper means of improving and increasing the productiveness of our soils than by sowing the Cow Pea. It makes an enormous growth, enabling the farmer to put plenty of nitrogenous vegetable matter into the soil at a small cost, and has the power to extract this costly nitrogen from the atmosphere and to store the same in the vines and roots so that if the crop is cut off, the land is still enriched and its condition improved. From 5 to 9 tons of green fodder per acre have been produced by the Cow Peas. To grow for hay they are most valuable. For ensilage they are unsurpassed. When it is desired to turn the whole crop under as a soil improver, it is better to do so after the vines are partly dead. A good picking of the dried peas can be made before plowing under. Cow Peas can be sown in May or June, at the rate of 1 to 1½ bushels per acre. Of the several varieties of Cow Peas, the following two are best adapted to our climate: **Clay**—Price, lb 20c, 3 lb 50c, postpaid; peck 75c, bush \$2.40. **Whip-Poor-Will**—Price, lb 20c, 3 lbs 50c, peck 75c, bush \$2.75.

Sand, or Winter Vetch

(Vicia Villosa)

It succeeds and produces good crops on poor sandy soils as well as on good land; grows to a height of four to five feet. It should be sown in the spring, mixed with oats, spring rye or barley; or during August or September, with winter rye, which serves as a support for the plants. It is the earliest crop for cutting, being hardier and nearly a month earlier than Scarlet Clover. It is exceedingly nutritious, eaten with relish, and may be fed with safety to all kinds of stock. Sow 50 to 60 lbs per acre, with one-half bushel of rye, oats or barley. Lb 20c, 3 lbs 60c, postpaid; 10 lbs \$1.40.

Australian Salt Bush

This is a most wonderful forage plant, as it will grow freely in arid and alkali lands that will produce no other vegetation, yielding a marvelously liberal foliage which is eagerly eaten by all kinds of stock. It is of creeping habit. It has been proved that after three or four crops has been grown on alkali land, that the soil is then capable of producing any other vegetation. One pound of seed will plant an acre. It grows readily from seed. Price—Pkt 10c, oz 20c, 1 lb 60c, lb \$2.00 postpaid.

Early Soy Bean

The Soy Bean is coming right to the front as a great soil enricher, as a food for hogs and cattle, both in the green and dry state. If you wish same to plow under in the green state, it is certainly one of the very greatest plants, next to Cow Pea, to sow, on account of its remarkable qualities. It will draw from the air and return to the earth just the nourishment and properties that you are looking for. Price—Lb 20c, postpaid; peck \$1.00.

English Horse Beans

Recommended by Dominion Experimental Farm, to be planted with corn and sunflower seed for ensilage purposes. Lb 20c, postpaid; bush \$2. Values fluctuate.

Kaffir Corn—White—Pkt 5c, lb 15c, 5 lbs 75c, postpaid; 20 lbs \$1.20, 100 lbs \$5.00.



Sand, or Winter Vetch

SEED OATS

"New Century"

Grain—The grain of the "New Century" Oat is very white and large in size, and has the largest meat in proportion to size of any oat.

Straw—The straw is very strong and does not lodge even when others with less weight of grain in the head go down. The blade is nearly double the size of that of ordinary oats, and is good evidence of its inherent vigor.

Stools—The "New Century" Oat stools heavily and is really remarkable in that respect. In a field this past season, there were sowed ten pecks per acre on part and the remainder was sown with seven pecks. It was absolutely impossible to see any difference in the appearance of the two parts, and no difference was noted in the yield.

Hull—The hull is thin and easily separated from the meat, making them valuable for feeding.

Vigor—The remarkable vigor of this new variety is easily noticed in the growing crop from its first appearance above ground. One of our fields this season was sown with "New Century" Oats, and two days before another field with common oats. When the "New Century" Oats were seven inches above ground, the others were not more than two. While common kinds suffered from excessive dry and cold weather the past spring, without exception the "New Century" Oats were a rich dark green.

HAVE YIELDED MORE THAN DOUBLE ORDINARY KINDS UNDER SIMILAR CONDITIONS.

Tested side by side with other oats, the "New Century" has actually double the number of bushels per acre. This can be partially attributed to the fact that in many cases the spikes or breasts will contain three full kernels where other oats give but two.

Price—Lb 15c, 4 lbs 50c, postpaid; by express or freight—Peck 30c, bush 90c, 2 bush \$1.70, 5 bush \$4.00, 10 bush \$7.50.

"CANADIAN PRIDE"

The oats are white and have good large kernels. They weigh 40 lbs to the measured bushel. It is a branching variety with very stiff straw of vigorous growth, free from smut and rust.

Price—Lb 15c, 4 lb 50c, postpaid; by express or freight—Peck 25c, bush 80c, 10 bush or over at 75c.

"BLACK MESDAG"

We believe it is the earliest Black Oat in cultivation, having ripened in 90 days. The straw is strong and stiff, and so far has never shown the slightest signs of rust. It is one of the greatest yielding oats on record. At the Central Experimental Farm, Ottawa, it yielded at the rate of 80 bushel per acre. It has a large branching head filled with plump grain, and is one of the heaviest black oats in the market.

Price—Lb 15c, 4 lbs 50c, postpaid; by express or freight—peck 25c, bush 80c, 5 bush or over at 75c.

THE "NEWMARKET"

Price, per lb 15c, 4 lbs 50c, postpaid; peck 30c, bush 80c, 2 bush at 75c.

GOLDEN TARTARIAN SIDE OATS

Price—Per lb 15c, 4 lbs 50c, postpaid; peck 25c, bush 80c, 2 bush at 75c.

BLACK GOANETTE

Price—Per lb 15c, 4 lb 50c, postpaid; peck 25c, bush 70c.

IMPROVED BLACK TARTARIAN

Grown from imported seed. Lb 15c, 4 lbs 50c, postpaid; peck 25c, bush 75c, 2 bush at 70c.

IMPORTED BLACK TARTARIAN

The stock we offer was grown in East Lothian, Scotland, and is of excellent quality. Per lb 20c, 3 lbs 50c, postpaid; peck 50c, bush \$2.25.

The prices of Oats and Wheat are those current at the time of issue of this Catalogue, January 1st. They are subject to change without notice.



"New Century" Oats

SPRING WHEAT

Sow from 1½ to 1¾ bushels per acre.

WILD GOOSE (Bearded)

C. A. Zavitz, of the Guelph Experimental Farm, says:—"Of all the varieties of spring wheat which we have grown, the Wild Goose stands at the head of the list in yield of grain per acre. The Wild Goose variety has given the largest average yield per acre of all the varieties for several years in succession, and the Wild Goose, Speculation, and Colorado stand highest on the list this year, but the Speculation and the Colorado appear to be the same variety and are not liked very well by some of the millers for flour production, being somewhat soft."

Price per lb 15, 4 lb 50c, postpaid; peck 30c, bush \$1.10.

HERISON BEARDED

It is amongst the nine best milling varieties, the kernels are short, thick and of a darkish red color, the straw is fairly long, stands up straight, and is free from rust, matures moderately early.

Price per lb 15c, 4 lbs 50c, postpaid; peck 35c, bush \$1.20.

COLORADO or SPECULATION

It is a light amber; rather short, thick berry; the heads are a good size, white straw and chaff, stands up well and ripens early.

Price per lb 15c, 5 lbs 50c, postpaid; peck 35c, bush \$1.10.

For other leading varieties, such as Red Fern, White Russian, Red or Scotch Fife, Wild Goose, etc., see our Weekly Farmer's Price List of Grains and Grasses, sent on application.

WINTER WHEAT

Our Fall Catalogue of Winter Wheats, Grass Seeds, Fertilizers, etc., is issued about August 15th of each year, and sent free to all who apply. Send in your address now.



FEED STUFFS

Cotton Seed Meal	50 lbs	\$0 80	100 lbs	\$1 50
Flax Seed, for feeding	"	1 80	"	3 60
Flax Seed Meal	"	1 90	"	3 75
Oil Cake, fine ground	"	0 80	"	1 50
Oil Cake, nutted	"	0 80	"	1 50
Rock Salt	"	0 40	"	0 80

STOCK FOODS

Dr. Hess' Stock Food—7 lb bags 65c, 12 lb bags \$1.00.

Pratt's Animal Regulator—21 oz pkg 30c, 42 oz box 60c, 72 oz 90c, 150 oz box \$1.70.

Herbageum—4 lb pkg 50c, 100 lbs \$12.00.

Twin City Herb Food—4 lb pkg 40c, 100 lbs \$9.00.

Bibby's Cream Equivalent for Calves—Per 10 lbs 40c, 50 lbs \$2.00, 100 lbs \$3.50.

PRICES FOR BAGS

When bags are required for filling orders, they will be supplied at the following prices, which should be remitted with the amount of order, 1½ bushels, Jute Bags, per doz \$1.00 each 10c. 2 bushel, Cotton, Seamless, "A" each 25c; "B" each 20c; "X" each 18c.

For prices of Clover and Timothy Seeds, Oil Cake, Etc., in Quantities, See Weekly List.

BINDER TWINE—Before buying get our prices

GRASSES

A GOOD REFERENCE BOOK—"Hand Book on the Grasses of North America," Price \$3.00; \$3.25, postpaid.

When wanted by Mail add 5 cents per pound to the following prices.

The greatest care is exercised in the selection of our Grass and Clover Seeds.

Choice samples are the cheapest, sow further and are the most satisfactory in the end.

Where prices are not quoted, they will be furnished with samples on application.



Awnless Brome Grass

adapted for lawns or sheep pasture. Lb 25c.

Honey or Meadow Soft Grass (*Holcus lanatus*)—It grows 3 feet in height, and is suitable for all soils. While no variety suits better for lawns, it is, however, of no use for cattle, as they will scarcely touch it. Lb 20c.

Italian Rye Grass (*Lolium italicum*)—A biennial variety of rapid growth, succeeding well in all kinds of soil; well adapted for mixing with white clover for lawns; it is indispensable for an early crop of green feed. Lb 15c, 10 lbs \$1.40.

Kentucky Blue or Smooth-Stalked Meadow Grass (*Poa pratensis*)—It sends up flower stalks 1½ feet high only once in the season; it is therefore less adapted for hay than for early and permanent pastures. For water meadows it is one of the best. Lb 15c, 10 lbs \$1.20.

Meadow Fescue (*Festuca pratensis*)—A highly valuable species for permanent grass lands; it does not, however, attain its full productive powers until the second or third year, when it exceeds most other sorts in the quantity of its produce and nutritive matter; it is relished by live stock, both in hay and pasture. Sow 40 lbs to the acre. Lb 30c, 10 lb \$2.50.

Meadow Foxtail (*Alopecurus pratensis*)—One of the best grasses for permanent pastures, being early and rapid in growth; does best in rich, moist soil. Lb 30c, 10 lbs \$2.75.

Orchard Grass (*Dactylis glomerata*)—Though a rather coarse grass, yet this variety is of such early and rapid growth, that on account of this quality alone it is valuable as a pasture grass on light soils, and also from the quantity of herbage it affords. It should be used as a green feed exclusively, because when old and dry, or made into hay, neither horses nor cattle are fond of it. Lb 15c, 10 lbs \$1.40.

♣ We will send one large package of each of the above 25 varieties of Grass Seeds, correctly named, for \$1.50 postpaid, or any 17 varieties for \$1.00 postpaid, or any 8 varieties for 50c.

AWNLESS, or HUNGARIAN BROME GRASS (*Bromus inermis*). **The Great Forage Grass of Our North-West**—Not only is it the grass for dry sections, but it can be raised on almost all kinds of soil and in any climate. It gives a luxuriant crop, particularly on fresh sandy loam soil, and where the climate is warm. It is found that animals eat it greedily, whether in the green or in the dry state, so that it can be used as mown or saved for winter use. Useful in filling up gaps where clover crops have failed. Lb 25c, postpaid 30c, 100 lbs \$20, carriage extra.

CANADIAN BLUE GRASS (*Poa compressa*). **Hardest Grass in Cultivation**—It is an excellent grass for dry, sandy, thin soils and banks, and for covering the surface of rocky soils, and upon all soils that are affected seriously by long-continued droughts. Lb 10c, 10 lbs 80c.

Creeping Bent Grass (*Agrostis stolonifera*)—A variety similar to the Red Top Grass, somewhat lower in growth. Lb 30c, 10 lbs \$2.75.

Crested Dog's Tail or Comb Grass (*Cynosurus cristatus*)—Well suited for lawns from its readiness to take root and its dense, compact habits. Lb 60c.

Hard Fescue (*Festuca duriuscula*)—Will thrive in a great variety of soils, and resists the effect of drought well; from its fineness of foliage, it is well

NOTE.—FOR GENERAL SEEDING sow one third clover and two-thirds timothy. This produces hay of excellent feeding quality for stock in general. Write us for prices on any mixture wanted for hay or permanent pasture.

Perennial or English Rye Grass (*Lolium perenne*)—One of the best grasses adapted for producing a bulky crop of hay with or without clover, producing three or more years pasture. Lb 13c, 10 lbs \$1.20.

Red Meadow Fescue (*Festuca rubra*)—An excellent variety, suitable for lawns exclusively, on account of its creeping nature, not growing over 1 foot in height, requiring little mowing, and forming so thick a turf as to suffer few intruding plants. Lb 20c, 10 lb \$1.85.

Red Top Grass, Fancy, Perennial (*Agrostis vulgaris*)—A hardy permanent grass of rather low growth, succeeding in almost any soil, and well adapted for pasture land. Lb 20c, 10 lb \$1.50.

Sheep's Fescue (*Festuca ovina*)—A dwarf variety not over 6 inches in height; it has a fine sweet foliage, well adapted to the masticating organs of sheep, and for producing delicate mutton, but totally unfit for hay. It is, however, an excellent grass for lawns, requiring little mowing. Lb 25c, 10 lb \$2.25.

Sweet Vernal Grass (*Anthoxanthum odoratum*)—For a mixture with pasture grasses it is valuable on account of its vernal growth, and continuing to throw up root foliage until late in autumn; for meadows, its chief merits are its fragrant odors, which the leaves emit when dry, thus sweetening hay; it is a vegetable condiment rather than as a grass of much nutritious value. Sow 25 lbs to acre. Lb \$1.20.

Tall Fescue (*Festuca elatior*)—Of strong growth, very productive, good both as hay and green food; also for permanent pasture, for moist and strong soils, and irrigation purposes. Lb 35c, 10 lbs \$3.

Tall Meadow Oat Grass (*Avena elatior*)—A bulky, tall, productive grass, much relished by all cattle, and well adapted as a grass for soiling. Lb 30c, 10 lbs \$2.75.

TIMOTHY GRASS (*Pleum pratense*)—Market price variable. Lb 10c.

Water Meadow Grass (*Poa aquatica*)—In flooded situations it grows luxuriantly, and forms a rich pasturage in summer. Lb 50c, 10 lbs \$4.75.

Wood Meadow Grass (*Poa nemoralis*)—Well adapted for woody lands, two feet high, forming valuable pasture. Lb 55c, 10 lbs \$5.25.

Yellow Oat Grass (*Avena flavescens*)—Hardy and early, valuable for dry meadows, pastures or lawns. Lb 80c.

Common Millet (*Panicum milliaceum*)—There are many varieties of Millet, but none used so extensively as the common variety. Lb 5c, 10 lb 30c.

GERMAN MILLET—The true German Millet will grow in any climate or soil, and when properly grown and handled makes an enormous yield of most nutritious animal feed, and that without impoverishing the soil to any great extent. To get these results, however, German Millet must be sown thickly, at the rate of one bushel per acre, at any time between May 1st and July 15th, and the crop cut in six to eight weeks, while it is in bloom, before the seed hardens in the head. Managed in this way German Millet will prove the most satisfactory and profitable forage and summer hay crop, much relished by all kinds of stock. Lb 10c, 3 lbs 30c, postpaid. By express or freight, 10 lbs 30c, bush of 48 lbs \$1.30.

Hungarian Grass (*Sectaria Italica*)—A most valuable, rapid growing variety of grass of annual nature, particularly well adapted for light ground, will yield an abundant crop, and when cut before seeding, produces hay much relished by all kinds of cattle. Market prices variable Lb 5c, 10 lbs 30c.

JAPANESE MILLET—(See page 37.)

Note—For prices of Grass Seeds in quantity see next page.



Orchard Grass



Head of German Millet

LAWN GRASS

THE MOST BEAUTIFUL LAWNS IN CANADA are made with "Simmers' Toronto Parks" Lawn Grass Seed, which we sell in large or small quantities to suit the pretentious lawn or the modest door-yard plot. With it you can renovate old or make new Lawns and Grass Plots as soft as velvet and as green as emerald all summer long.

TORONTO PARKS MIXTURE—Finest Quality (with or without White Clover)—Per lb 25c, postpaid 30c. By express or freight, 5 lbs \$1.15, 10 lbs \$2.20, 25 lbs \$5.25, 50 lbs \$10.00, 100 lbs \$20.00.



CAHOON BROADCAST SEED SOWER

A hand-machine very largely used. The quantity to be sown is easily regulated. It will seed evenly four to six acres per hour. It will scatter the following distances: Wheat, Barley, Rye, 25 feet; Clover and Timothy, 18 to 20 feet. The bag and hopper hold about 22 quarts. Weight 5½ pounds. Price, each, \$4.



Clover Seed

"Clovers are the Foundation of Farming."

(Clover Seed being subject to constant variations, prices are subject to change without notice.)

ALSIKE CLOVER (*Trifolium Hybridum*)—It is a perennial, therefore adapted for permanent pastures or for hay crop. Perfectly hardy; never heaves or throws in the winter, thrives equally well on wet or dry soil, through extreme drouth or excessive rains. Sow six lbs per acre in spring. Lb 20c, postpaid 25c; per bush of 60 lbs market price variable.

SAINFOIN or ESPARSETTE (*Onobrychis Sativa*)—An excellent perennial Fodder Plant, growing to the height of about three feet, and flowering in June and July. It is naturally adapted for light, chalky soils, being an enriching, heat resisting clover, and may be sown either broadcast or drilled. It will require broadcast about 25 lbs per acre; if drilled, 15 to 20 pounds. Lb 15c, postpaid 20c; 10 lbs \$1.25, 25 lbs \$3.00.



Crimson Clover

YELLOW TREFOIL or HOP CLOVER (*Medicago Lupulus*)—A prolific and hardy variety, is excellent for dry pastures; should not be sown alone. Lb 15c, postpaid 20c.

Bokhara Clover (*Melilotus vulgaris*)—For bees. Of large and vigorous growth; blooms early in August; may be cut three times during the season, and yields three tons upwards of hay per acre. Sow in spring. Per lb 15c, postpaid 20c.

LUCERNE or ALFALFA CLOVER—A perennial, and when once properly seeded in suitable soil produces fine crops for several years. It has a remarkably strong growth, and its cultivation is simple, requiring no more care and attention than a crop of the ordinary red clover. The ground should be thoroughly mellowed by clean and careful tillage, the seed sown with any grain crop in the spring, or as a separate crop, at the rate of 10 or 12 pounds per acre, and the second year it will become thoroughly established. Lb 15c, postpaid 20c; per bushel of 60 lbs, lowest market price on application.



Alfalfa or Lucerne Clover



Will sow Clover, Timothy, Flax, Wheat, Oats and Millet.

Guaranteed to sow 60 acres of clover per day. The "CYCLONE" Geared Seed Sower. Price \$1.75, or postpaid, \$2.50.

Common Red Clover (*Trifolium pratense*)—Will succeed in any soil of moderate fertility. Per lb 15c, postpaid 20c; per bushel of 60 lbs lowest market price on application.

MAMMOTH RED or Late Clover (*Trifolium Pratense perenne*)—Of great value if sown upon exhausted land; grows from 5 to 6 feet, and highly recommended for ploughing under for manure. Per lb 15c, postpaid 20c; per bushel of 60 lbs lowest price on application.

Crimson or Carnation Clover (*Trifolium Incarnatum*)—Should be sown in the early summer, and will then make excellent pasture in the fall, the open winter and the spring. Per lb 15c, postpaid 20c. Per bushel price on application.

WHITE DUTCH (*Trifolium Repens*)—Most valuable in mixture for permanent pastures, forming with natural grasses the finest and most nutritious food for cattle and sheep. Lb 30c, postpaid 35c.

WHITE DUTCH (*Trifolium Repens*)—A

Grass Mixtures

Simmers' Special Grass Mixture for permanent pasture consisting of the following varieties: Orchard Grass, Meadow Foxtail, Sheep's Fescue, Rhode Island or Creeping Bent, Hard Fescue (*true perennial*), Meadow Fescue, English Rye Grass, Italian Rye Grass, Red Top, Blue Grass, etc., as recommended in the well-known and standard work entitled, "How the Farm Pays," (by Henderson) blended in proportions which have been found, from actual use, to give the most satisfactory results.

On ordinary fertile soil two or three bushels of this mixture is sufficient to seed an acre.

To this mixture, intended for either Mowing Lands or Pasture (but which on account of its greater weight should be sown separately), should be added 10 lb of Mixed Clover, comprising White, Mammoth Red or Cow Grass, Alsike, Trefoil, etc., but this must be sown in the spring, as it is rather tender in this latitude if sown in the fall.

The Quantity (10 lbs) of Mixed Clover Needed to Sow an Acre, we will sell for \$2.00.

Permanent Pasture for Light Soils.....	} \$2.50 per bushel of 14 lbs.
Permanent Pasture for Medium Soils.....	
Permanent Pasture for Heavy Soils.....	
SIMMERS' Grass Mixture for Orchards and Shady Places.....	
SIMMERS' Special Grass Mixture for Hay Only.....	
SIMMERS' Grass Mixture for Permanent Pasture Only.....	

10-Bushel Lots and Upwards, \$2.25 per bushel.

(Special Quotations for Larger Quantities).

Simmers' Special Grass Mixtures for Temporary Pasture—Consisting of Tall Meadow Oat Grass, Orchard Grass, English Rye Grass, Italian Rye Grass, Meadow Foxtail, Hard Fescue, Sheep's Fescue, and Meadow Fescue, Red Clover, White Clover, Alsike, Trefoil and Timothy, blended in their proper proportions for the time specified. *Incomparably superior to the ordinary Timothy and Clover Mixture.*

For One Year—1 bushel Mixed Grasses, \$2.00. 10 lbs. Mixed Clovers, \$1.75. Total cost per acre, \$3.75.

For Two Years—2 bushels Mixed Grasses, \$4.00. 10 lbs. Mixed Clovers, \$1.75. Total cost per acre \$5.75.

For Three or Four Years—3 bushels Mixed Grasses, \$6.75. 10 lbs. Mixed Clovers, \$1.75. Total cost per acre, \$8.50.

(Special Quotations for Larger Acreages).

Price Lists of Grass and Clover Seeds in Quantity

When Clover and Grass Seeds are to be sent by mail, **5 Cents Per Pound** must be added to the following prices. We will supply 20 lbs or over at the 100 lb rate, and 5 lbs or over at the 10 lb rate; for smaller quantities the lb price will be charged. The following prices are values at time of issuing this Catalogue, January 1st, and are Subject to Market Changes.

CLOVERS

	Per lb.	10 lbs.	100 lbs.
Alsike, Simmers' Best.....	20c	\$1 70	
Alsike, Choice.....	18	1 50	
Alsike, Prime.....	15	1 40	
Alsike and White, Mixed.....	15	1 40	
Bokhara.....	15	1 40	
Crimson or Scarlet.....	15	1 20	
Lucerne, Choice.....	15	1 40	
Mammoth Red Clover, Choice.....	15	1 40	
Mammoth Red Clover, Prime.....	15	1 30	
Red Clover, Simmers' Best.....	16	1 50	
Red Clover, Choice.....	15	1 40	
Red Clover, Prime.....	14	1 30	
Sainfoin.....	15	1 25	
Trefoil, Yellow.....	15	1 30	
White Clover, Choice.....	30	2 80	
White Clover, Prime.....	25	2 30	

When wanted by Mail add 5c per lb postage.

Lowest Market Price on Application.

GRASSES

	Per lb.	10 lbs.	100 lbs.
Timothy, Simmers' Best.....	10c	80	
Timothy, Choice.....	09	70	
Timothy, Prime.....	08	65	
Blue Grass, Canadian Best.....	10	90	\$ 8 00
Blue Grass, Kentucky, Choice.....	15	1 20	10 00
Bromus Inermis (Awnless Brome).....	25	2 30	20 00
Creeping Bent.....	30	2 75	25 00
Crested Dogtail.....	60	5 75	
Hard Fescue.....	25	2 25	20 00
Hungarian, Best Re-cleaned.....	05	30	2 10
Italian Rye Grass.....	15	1 40	13 00
Meadow Foxtail.....	30	2 75	25 00
Meadow Fescue.....	30	2 50	23 00
Millet, Golden, Fancy Cleaned.....	05	30	2 50
Millet, Best, Re-cleaned.....	05	30	2 00
Orchard Grass, Choice Quality.....	20	1 60	15 00
Perennial Rye Grass.....	13	1 20	11 00
Red Fescue.....	20	1 85	18 00
Red Top, Choice Quality.....	20	1 50	12 50
Red Top, Fancy, Good.....	15	1 25	10 00
Sheep's Fescue.....	25	2 25	20 00
Sweet Vernal.....	1 20	10 00	
Tall Fescue.....	35	3 00	25 00
Tall Oat Grass.....	30	2 75	25 00
Water Meadow Grass.....	50	4 75	
Wood Meadow Grass.....	55	5 25	
Yellow Oat Grass.....	80	7 75	

When wanted by Mail add 5c per lb. Postage.

Customers ordering Grass Seed sufficient for one acre or more are allowed the privilege of 100 lb rate. **Please allow for bags when remitting.**

Have you Beeswax? We buy it. Cash or supplies. Let us know your price.

Ontario Agricultural College (Guelph) formula of Grasses and Clovers for permanent pastures.

Six lbs Meadow Fescue, 3 lbs Timothy, 2 lbs Canadian Blue Grass, 3 lbs Orchard Grass, 3 lbs Red-top Grass, 4 lbs Lucerne Clover, 1 lb White Dutch Clover, 1 lb Alsike Clover, 2 lbs Red Clover; total 17 lbs Grasses and 8 lbs Clovers, being the quantities required for an acre. \$3.00 for 25 lbs; lb 15c, postpaid 20c. If larger quantities are wanted please write for prices.



WALDERSEE ASTER

The plant is very distinct, forming small, compact bushes, measuring only 8 to 9 inches in height, and the same across.

Each young shoot produces an elegant whitish bud, contrasting very well with the vivid green foliage.

The plant presents a splendid appearance in its early flowering stage on account of its regular globular shape and its wealth of flowers, which are most elegant and when fully developed only measure about one inch in diameter.

The great abundance of blooms is especially remarkable, sometimes even as many as 250 well developed flowers being found on one plant. We offer you the seeds as follows:

846 Pkt 15c, 2 for 25c.

GIANT SNAPDRAGON

Antirrhinum Majus Grandiflorum

These handsome and profuse flowering plants have long been favorites in our gardens. They are of very easy culture, even in the driest locations, growing sturdily and producing quantities of flowers throughout the summer and autumn, from spring-born seed.

7 **Firefly**—Scarlet, white throat. Pkt 5c.
8 **Brilliant**—Scarlet, golden and white. Pkt 5c.

9 **Crescia**—Fine deep scarlet. Pkt 5c.
10 **Kermesina Splendens**—Deep rose. Pkt 5c.
11 **Luteum**—Yellow. Pkt 5c.
12 **Giant White**—Pure snow white. Pkt 5c.
13 **Giant Mixed**—Pkt 5c.

Special Offer—One packet each of six varieties of Tall Giant Snapdragons, 25c.

LARGE FLOWERING DWARF SNAPDRAGON OR ANTIRRHINUM

Compact, thrifty, bushy plants. For low flower beds and edgings they are charming subjects, and for pot culture they are scarcely of less value. Colors include white, striped, orange, rose, canary, crimson, copper color, vermilion, flesh, garnet, scarlet, etc.

14 **Golden Queen**—Pure Yellow. Pkt 5c.
15 **Queen of the North**—White. Pkt 10c.
16 **Victoria**—White and red, very fine. Pkt 5c.
17 **Atrococcineum**—Deep scarlet. Pkt 5c.
18 **Mixed**—Pkt 5c.

Special Offer—One package each of the four varieties, large flowering Dwarf Snapdragons, 20c.



Giant White Spandragon



APOLLO ASTER

The plant is 8 to 10 inches high, forms compact bushes measuring the same across and when in full bloom is of most striking effect. The branches are close and uniform, each of the principal ones produce further 4 to 6 lateral branches, so that on a fully developed plant the flowers are evenly distributed.

A fully developed plant produces 100 to 125 flowers and it comes into bloom about the middle of July, the flowers being borne on long stems right above the dark green foliage.

They are bright pale blue, several petals being marked with white spots and stripes, they are very double, elegant and slightly quilled towards the middle.

859 Pkt 15c, 2 for 25c.

YELLOW ASTER "SUNLIGHT"

For many years every Aster grower has felt ambition to raise a truly yellow Aster. It is true that we have had so-called "sulphur yellow" Asters for a considerable time, but all these do not earn that name. **"Sunlight" on the contrary, is the first real yellow Aster.** Blooms very freely. The flowers are of a fine form, with petals somewhat shorter than those of the Jewel Aster, and measuring 3 to 4 inches in diameter. This uncommon and delicate color, the long, stiff stems and lasting quality must be admired by every flower lover.

860 Pkt 10c, 3 for 25c.

ANNUAL DELPHINIUM, BLUE BUTTERFLY

In this new Larkspur we have a combination of attractions. In the first place, it is an annual which will come as a surprise to those who know *Delphiniums* as perennials only. Secondly, it is dwarf and compact, hardly reaching a foot in height. Thirdly, it has a bushy, yet branching habit, instead of the ascending upright growth. Fourthly, the size of its blossoms are beyond anything we have ever seen in the old perennial sections; and lastly, its color is of the intensest blue yet found in any flower. This novelty is perfectly hardy and can be grown in any soil.

861 Pkt 10c, 3 for 25c.

NEW "SHASTA DAISIES"

Their first qualification is hardness. They can be grown out of doors by everybody where it is not cold enough to kill oak trees. Second, they are perennial, blooming better and more abundantly each season. Third, they can be multiplied rapidly by simple division, and they are not particular as to soil. Fourth, they bloom for several months. Fifth, the flowers are extremely large and graceful—averaging about a foot—often more, in circumference, with three or more rows of petals to the purest glistening whiteness, on single strong, stiff, wiry stems, nearly two feet in length.

862 Pkt 25c, strong plants 40c, 3 for \$1.00.

DOUBLE CHRYSANTHEMUM-FLOWERED SUNFLOWER

An excellent plant for the lawn, shrubberies, or any other place where color effect is desired. The plants grow 6 to 7 feet high, and produce a great number of double flowers of various sizes. On account of their size, long stems and color the flowers are extremely well adapted for vases.

863 Pkt 5c, or 15c.

ALLEGHENY HOLLYHOCKS

If sown early, bloom the first year from seed

The flowers of this new variety are from 4 to 6 inches in diameter, running from semi-double to double, and so finely fringed and curled that, compared with the old ones, they have the look of a flower from Fairyland. The colors are shell pink, rosy and ruby red, a shade or two deeper at the centre, and exquisitely tinted towards the edge.

864 Mixed—Pkt 10c, 3 for 25c.

NICOTIANA SYLVESTRIS

Nicotiana Sylvestris

A superb garden annual of robust, branching habit, about 3 to 4 feet high; the foliage is large and luxuriant, of very dark green; the very long, pendent, tubular flowers of pure white are borne in circular clusters on strong spikes away above the foliage. The flowers emit a very delicious perfume.

865 Pkt 10c, 3 pkts 25c.

NICOTIANA COLOSSEA

Attains a height of 5 to 6 feet during one summer; immense leaves, at first rose and violet, afterward changing to deep green, with red veins. An imposing foliage plant, giving an elegant tropical effect.

866 Pkt 10c, 3 pkts 25c.

"Daylight" and "Darkness" Dolichos

Climbing Variety from Japan

One of the prettiest climbers and certainly the most beautiful among the Dolichos or Hyacinth Beans. Of very rapid growth, and the plant is indifferent to bad weather, and it will grow to a height of fifteen feet by mid-summer. From the handsome foliage there springs out a wonderful profusion of large sprays or spikes of pea-like blossoms.

867 "Daylight"—Pkt 10c, 3 pkts 25c, oz 40c.

868 "Darkness"—Pkt 10c, 3 pkts 25c, oz 30c.

New Fringed Cyclamen "Butterfly"

They possess all the qualities of fine habit of plant, beautiful markings of foliage, size and freedom of bloom of the finest type of *C. persicum*, but differ in having flowers with much wider petals, the edges of which are beautifully fringed or waved, giving them an extra grace and beauty.

869 Splendid mixture of all varieties, original pkt 50.

NEW STAR PETUNIAS

Their ground color is a dark crimson maroon, with a rich velvety texture, justly pronounced equal to that of the Pansy. Showing through the ground color are violet veinings. From the centre starts the points of a five-rayed star, which broadens half way up, narrowing to a point at the margin of the flower. This star is a very light bluish pink, some almost white, which deepens in color as it reaches the margin, and finally blends with the maroon ground color. Over 80 per cent. of the plants from seed will produce the star markings. Others with veined and feathery markings on dark or light ground are not less surprisingly beautiful. The plants are free growers, branching freely and attaining an average height of 18 inches, and 24 inches in diameter. They are remarkably prolific bloomers, single plants often having 100 or more fully expanded flowers at a time.

870 Mixed colors, pkt 10c, 3 pkts 25c.



Dwarf Salvia Splendens, "Lord Fauntleroy"

Salvia Splendens "Silverspot"

871 Its most distinctive feature is its strikingly handsome spotted foliage. The leaves are rich, soft dark green, with light sulphur or cream colored spots of various size liberally sprinkled over them. The intense bright scarlet flowers are very large, and the plants of neat, compact habit and very floriferous. Pkt 10c.

Dwarf Salvia Splendens—"Lord Fauntleroy"

The illustration is engraved from a photograph of one plant, measuring only eighteen inches high from the ground to the tips of the spikes. This is a fair average specimen, and it has been found in two years' trial to come strictly true from seed. It will at once be seen that for bedding this new Salvia is fully as suitable as geraniums in respect to height and compactness, while in brilliancy of color it eclipses anything in nature. We have counted over one hundred spikes of bloom on a single plant. The foliage is of a very rich dark green color, beginning right at the ground and rising no more than 10 inches above, while the 8-inch flower spikes stand erect and clear above the foliage. For bedding in masses alone, or with plants of equal height, or for borders around beds of taller plants we know nothing that will be so effective.

872 Pkt 15c, 2 for 25c.

INDIAN PINK "FIREBALL"

Dianthus Heddewigi Flore Pleno

Although the varieties of Indian Pinks are already rather numerous, this novelty will, by its intrinsic merit, of necessity take a leading place among them. The flowers are of brilliant scarlet, a color which in such intensity has not yet appeared in the double-flowering section of Indian Pinks. Forming thickly branching bushes, the plants are quite resplendent with their shining fiery red blossoms, and are thus not only of inestimable value for the garden, but yield also excellent material for cutting.

873 Pkt 15c.

**Hardy Semi-Double Gaillardias**

No species of Perennials excels the Gaillardia grandiflora in all-round value. This is due to its very large and extremely showy bloom, which is produced so freely and continuously as to render it invaluable for the border, while as a cut flower it enjoys a universal esteem. This new variety grows about two feet high and throw up long sturdy flower stalks crowned with giant flowers which measure nearly 4 inches across. The ray florets appear frequently in two or three superposed rows and assume either a tubular or a broad and lacinated form. In color they are sometimes light and sometimes deep golden yellow, in many cases tinged more or less at the base with aurora or wine red. With these the velvety maroon red of the disk florets forms a sharp and brilliant contrast. These large-flowered semi-double hybrids which come about 60 per cent. true from seed, are uncommonly effective and will be found of inestimable value for cutting purposes.

874 Pkt 15c.



Hardy Semi-Double Gaillardias

Nicotiana Colossea



❖ Giant Petunias ❖

875 RUFFLED GIANTS—The flowers are of extraordinary size and substance, with very deep throat, and distinguished from the large flowering fringed section by the deeper fringing and fluting, giving the appearance as if artificially ruffled. The colors are not surpassed by any other strain, ranging from the deepest plum purple to the purest white, with all the intermediate shades, which, combined with the ruffling, make the flowers truly superb. Pkt 25c.

876 Century Prize Fringed Ruffled Giant—This new strain originated with the famous specialist in California, who, some years ago sent out the California Giant and Ruffled Giant strains. It differs from the latter in having, in addition to the ruffling, a very fine fringed edging, making a very handsome flower. In size and coloring this new strain is equal to the finest now in commerce, and must be regarded as a decided advance in this important flower. (See cut.) Pkt 25c.

877 Giants of California, Mixed—A California strain of incomparable beauty, size and luxuriance. Most of the flowers are exquisitely fringed on the edges, and are of enormous dimensions (4 to 5 inches across), but their great merits lie in the wonderful varieties of colors, markings, veinings, blotchings and stripings. Pkt 15c, 2 pkts 25c.

SPECIAL OFFER—One Packet each Ruffled Giants and Giants of California Petunias, 35c.



"Century Prize" Fringed Ruffled Giant Petunias



❖ Giant Prize Pansies ❖

878 Giant Prize Pansy, "Masterpiece"—The growth and general habit of the plant is strong, bushy but compact, lasting longer than other Pansies and showing a healthier appearance when warm and dry weather sets in. The enormous large flowers are perfectly round and contain the richest combination of colors. Each petal is distinctly marked with a very large dark blotch, and most of the flowers are margined with a light white or yellow edge. Pkt 15c, 2 pkts 25c.

879 Giant Prize Pansy, "Pretiosa"—A distinct sort of the noble class of the Giant five-spotted Pansies. The flowers of this novelty are similar to those of Masterpiece Pansy; each petal is marked with a very large blotch of deep violet color, these blotches are surrounded by a brilliant crimson rose ground color, and the ground color is margined by a pure white edge. A very effective and bright variety that will please in every way. Pkt 15c, 2 pkts 25c.

Rudbeckia Bicolor Superba Semiplena

880 This novelty represents semi-double or nearly double-flowering varieties of the Rudbeckia bicolor superba. The plants form elegant bushes of 2 to 2½ feet in height covered with large semi-double golden-yellow to brownish-yellow flowers, which have a central dark brown ring and disk. As concerns size and form of the flowers, they closely resemble those of the double flowering Zinnias, and are, on account of their long stems, very useful for cutting purposes. Pkt 10c.

"Jupiter," King of Nasturtiums

881 New Giant Flowered Climbing Nasturtiums. "As beautiful as an orchid," has been remarked of this magnificent flower, the precursor of a new race of Giant Nasturtiums. The plants are very strong and vigorous with large green foliage. The great, rich pure yellow flowers measure three and a half inches across. The petals are large, one and a half inches in diameter, they overlap and are exquisitely and deeply crinkled like crepe. The flowers are very fine for cutting, resembling orchids in their rich beauty. A grand and distinct variety. Pkt 10c.



"Jupiter," King of Nasturtiums

Flower Seed Collections

25c. SIMMERS' FLOWER SEED COLLECTION "A"

10 Pkts Choice Fresh Flower Seeds for 25c.

Containing 10 beautiful varieties of easily grown annuals with full directions for their culture.

Asters—Choice mixed.
Double Imperial Pinks.
Morning Glory—Mixed.
Pansy—Good mixed.
Phlox—Splendid mixture.

Poppy—Double mixed.
Snapdragon—All colors mixed.
Sweet Mignonette.
Sweet Peas—All colors mixed.
Tall Nasturtium—Mixed.

50c. SIMMERS' FLOWER SEED COLLECTION "B"

Contains 20 Pkts of Choice Flower Seeds for 50c.

Asters—Traffaut's Perfection, mixed.
Balsam—Double mixed.
Calendula.
Candytuft—Mixed.
Double Pinks—Best mixed.
Marigold—Double French.
Mignonette—Large flowering.
Morning Glory—Mixed.
Nasturtium—Dwarf mixed.
Pansy—All colors, mixed.

Phlox Drummondii—Mixed.
Poppies—All kinds, mixed.
Scabiosa—Mixed.
Snapdragon.
Sunflower—Very double.
Sweet Alyssum.
Sweet Peas—Mixed.
Tall Nasturtium—Mixed.
Verbena—Best mixed.
Zinnia—Best mixed.

HARDY PERENNIALS—10 Varieties for 60c.

60c. **Gaillardia.**
Correopsis.

Iceland Poppies.
Perennial Sweet Pea.

Larkspur.
Foxglove.

Pentstemon.
Columbine.

Hollyhocks.
Double White Chrysanthemum.

We cannot permit any change in the composition of these Collections.

SIMMERS' COLLECTIONS OF FLOWER SEEDS

No.		Price per Coll.
882	Asters —Traffaut's Paeony -flowered—Twelve varieties.....	\$0 50
883	Asters — Victoria Double —Six very showy varieties.....	30
884	Balsams — Camellia -flowered Double —Ten varieties.....	50
885	Hollyhocks — Chaters Prize —Twelve Choice Colors.....	50
886	Larkspur — Double Hyacinth -flowered—Twelve Choice colors.....	30
887	Pansies —Large flowered, spotted, twelve distinct varieties.....	1 00
888	Phlox Drummondii —Twelve varieties.....	50
889	Phlox Drummondii —Six distinct varieties.....	30

No.		Price per Coll.
890	Portulaca — Single —Single distinct varieties, brilliant colors.....	\$0 30
891	Poppy — Double or Paeony -flowered—Twelve superb varieties.....	30
892	Stocks — Large Pyramidal Globe Double —Ten weeks, ten colors.....	50
893	Stocks — Large Flowered, Pyramidal Globe Double —Six distinct colors.....	30
894	Stocks — East Lothian — Double —Six distinct varieties.....	30
895	Stocks — Giant Emperor, Double —Winter flowering, 6 colors.....	40
896	Zinnias — Double —Six distinct varieties.....	40

MORNING GLORIES

897 The Brazilian Morning Glory—The leaves are 8 to 12 inches across. The flowers, which open in the morning, are 3 or more inches across, and of a beautiful rose color. Pkt 5c.

898 Yellow Morning Glory—The vines are literally covered with thousands of beautiful, pure yellow fragrant flowers. Pkt 5c.



Japanese Imperial Morning Glory

The leaves are handsome, some ivy-like, others heart-shaped, some rich green, while others are streaked and marbled with white and silvery-gray or yellow; others with choicest flowers have rich, golden leaves. They grow anywhere, but the seeds germinate a little slower than those of the common Morning Glory. Pkt 10c, 3 for 25c.

902 Double Mixed Japanese—Pkt 5c, oz 30c.

899 "Northern Light"—Blossoms some 2 inches in diameter, of pink lavender color. Pkt 5c.

900 Japanese Imperial Single Fringed—These Morning Glories have given great satisfaction. Their exquisite beauty and enormous size (from 4 to 6 inches across) command admiration. The vines are strong and robust. Pkt 5c, oz 20c.

901 "Mikado" Japanese Morning Glories—Their varieties of color are infinite, running from snow-white through all possible shades of blue and of red from palest pink to darkest reds and purples. They are streaked, mottled, striped and marbled.

SPECIAL OFFER

One packet of each of the six Morning Glories, 25c.

7 ROSES for 80c.

Tea or Ever-Blooming Roses

These Roses are of great substance, with remarkably long, handsome buds and shell-petaled flowers of most exquisite soft shades and distinct tea-like fragrance. Largely grown in pots for winter blooming. Give winter protection by banking with earth or covering with evergreen boughs.

There is a difference between strong, cool grown, well established Roses, and those which have been forced into an immediate and rapid growth from cuttings by excessive heat.

The former are from summer propagations and are thus tough, vigorous, well rooted and hard. Our roses are of this class.

Marion Dingee—One of our best dark colored ever-blooming bedding Roses. Flowers of good size; perfect cup-shaped and borne in profusion; color deep crimson, changing to carmine in the matured flower.

Snowflake—This variety is never out of bloom, and for a pure white bedding Rose its equal is hard to find.

Clothilde Soupert—Color French white, deepening to rosy blush in the centre; one of the freest-flowering Roses in cultivation, being in bloom all the time.

Hermosa—Light pink, large, full and double; profuse bloomer; one of the best Roses for the house.

Marie Guillot—One of the standard varieties of Tea Roses. Especially desired for summer Rose beds; color pure white, often tinted pale yellow.

Pink Soupert—This is a worthy companion plant for Clothilde Soupert, throwing up cluster after cluster of deep, rich pink flowers.

Maman Cochet—An extra strong grower, producing its large buds and flowers in the greatest profusion; color deep rose pink, inner side of petals silvery rose. Borne on long, stiff stems; very double when in bud.

Each 15c, 2 for 25c. The set of seven for 80c, postpaid.

FOR OUR COMPLETE LIST OF ROSES See Pages 79 and 80



Reasons Why FLOWER SEEDS

We Should Supply You With

"The Best and Nothing But the Best" is our motto in buying and growing seeds, and this applies especially to flower seeds. We know all the flowers we offer, from practical experience of a lifetime, and we have furthermore, "kept up with the times" by extensive trials and frequent trips to the seed-growing sections of Europe and the United States, so we are not only "posted" on what to buy, but also where to buy to the best advantage of our customers.

Our Packets are very Liberal in Size

containing in most cases more seeds than are needed for a home garden.

We Supply Florists Largely Everyone knows that Florists who sow and cultivate seeds do it for a living, and can only use the best. Our sales to Florists increase from year to year, which is the best proof of the quality of our seeds. You get the same quality we sell to the Florists, and that should convince you that it is **Simmers' Flower Seeds** you want for your garden.

In ordering Flower Seeds the running number need only be given with the year of publication of this Catalogue.

Full Cultural Directions for Sowing are printed on each and every package.

ANNUALS grow, bloom and die the first year from Seed.

BIENNIALS bloom the second year from Seed and then die, though many, if sown early in the spring, will flower the first year.

PERENNIALS usually bloom the second year, from Seed, and continue to grow and bloom for many years. Some will bloom the first year, if sown early.

There is money for you

in Flower Seeds and it will pay you to secure your neighbor's orders. We make these **Liberal Discounts** . . .

Customers Sending \$ $\begin{matrix} 1.00 \\ 2.00 \\ 3.00 \\ 4.00 \end{matrix}$ may select \$ $\begin{matrix} 1.25 \\ 2.50 \\ 3.75 \\ 5.00 \end{matrix}$

Worth of Flower Seeds in packets. This discount, however, does not apply to seeds by weight or collections, nor does it apply to orders sent at different times during the season.

A Select List of Flower Seeds

Including all the most Desirable

1 ABOBRA VIRIDIFLORA—An extremely pretty tuberous climber of the Gourd tribe, with handsome cut, glossy dark green foliage and small oval scarlet fruit, a perennial suitable for planting out during summer, forming beautiful garlands. The tubers have to be kept in a cellar or root house during winter. Per pkt 10c.

2 ABRONIA UMBELLATA—Handsome training annual for edging, pretty pale rose flowers, similar to Verbenas. Per pkt 5c.

3 ABUTILON (Flowering Maple)—Very free blooming greenhouse shrubs, with handsomely varied and striped bell-shaped flowers; are very ornamental in flower beds. Will bloom the first season when sown early, 2 to 6 feet. Per pkt 10c.

4 ACACIA—Decorative greenhouse shrubs with elegant foliage, flowers yellow, white, or red, perennial. Mixed varieties. Pkt 10c.

5 ACANTHUS LATIFOLIUS—Stately foliage plants, suitable for specimens on lawns, or in the borders, presenting a rich tropical effect. Half hardy perennial. Per pkt 5c.

6 ACHILLEA, Ptarmica—Hardy perennial, with double white flowers. Per pkt 10c.

7 ADLUMIA CIRRHOSA (Mountain Fringe or Allegheny Vine) a beautiful, hardy climbing perennial; flowers white with purple. Pkt 5c.

Adonis

8 Adonis Aestivalis (Flos Adonis)—A pretty, hardy scarlet annual, 18 inches high, of easy culture, flowering from July to September. Per pkt 5c.

9 Adonis Vernalis—A hardy perennial variety of the preceding, one foot high, with showy yellow flowers. Per pkt 5c.

Achimenes

Splendid plants for the greenhouse or conservatory, flowers all shades of white, crimson, blue, etc., and afford a blaze of beauty the whole summer.

Adonis Aestivalis (Flos Adonis), Scarlet. Pkt 5c.

10 Achimenes Hybrida. Per pkt 25c.
Bulbs. Per doz. 50c.

Acroclinium

A beautiful class of half-hardy everlasting annuals, 1 ft. high; graceful border plants.

11 Roseum fl. pl.—Double flowers. Per pkt 10c.

12 Mixed, rose and white. Per pkt 5c.

Aconitum (Monkshood)

Showy hardy perennials, four feet high, growing in any good soil, even under the shade of trees.

13 Aconitum Napellus—Bright blue and white flowers. Per pkt 5c.

Agathæa

14 Blue Daisy or Marguerite—Hardy annual blooming profusely with daisy-like flowers of a beautiful shade of blue, which contrasts finely with the golden-yellow centre; invaluable. Per pkt 10c.

Ageratum

Very useful half-hardy annuals for borders and bouquets, flowers very regular, height one to two feet, except the Tom Thumb kinds which are not over six inches in height; prevailing color, bright lavender blue.

15 IMPERIALIS—Dwarf white. Per pkt 5c.

16 —Cope's Pet—Lovely azure blue; eight inches high. Per pkt 10c.

17 —Tom Thumb—Large flowering rose. This beautiful variety forms bushy compact plants about 12 inches high, bearing large trusses of rose-colored flowers in such abundance as to almost cover the plant. Desirable for pot culture, or as a basket or vase plant. Per pkt 10c.

18 —Mexicanum—Lavender blue. Per pkt 5c.

19 —Mexicanum—White. Per pkt 5c.

Agrostemma (Crown of the Field)

Free-flowering hardy annuals or perennials; flowers pink, in different shades; very pretty, like single pinks; height one to two feet; time of flowering from June to August.

20 Agrostemma Cœli Rosa (Rose of Heaven)—Annual. Per pkt 5c.

21 —Hybrida Splendens (Rose Champion)—Deep crimson. Per pkt 5c.

Ammobium (Winged Ammobium)

22 Alatum Grandiflorum—A half-hardy everlasting biennial, flowering the first year, double white with yellow centre. Per pkt 5c.



Agathæa



Ageratum—Cope's Pet. Pkt 10c.

SIMMERS' SUPERB DOUBLE ASTERS

Note.—It is an undeniable fact that for purity, Aster seed grown in Germany is far superior to any grown elsewhere. The climate is better suited to the full development of the flowers and the German growers have the experience of a century behind them. There is a great deal of cheap Aster seed offered to us every year, but we prefer to buy seed of careful and experienced growers, though high priced, and our selections are made from these.

Collections
of Truffaut's Pæony flowered Asters, twelve colors, 50c.

Collections
of Improved Victoria Asters, six colors, 80c.



Truffaut's Pæony-Flowered Double Aster. Pkt 10c.



Simmers' Improved Victoria Aster. Pkt 10c.

TRUFFAUT'S PÆONY-FLOWERED ASTERS

One of the handsomest and most ornamental sorts. The plants, which are very vigorous, grow from 18 to 24 inches high; the flowers are borne on long, wiry stems and are very large, from 3 to 4 inches in diameter, very double, and in shape like a Pæony. The colors are both bright and delicate, and altogether, this Aster is nearly perfection.

23 Glowing Crimson.....Pkt 10c	27 Pure White.....Pkt 10c
24 Dark Blue and White Pkt 10c	28 Violet and White.....Pkt 10c
25 Lilac Blue.....Pkt 10c	29 Mixed Colors.....Pkt 10c
26 Pale Red and White ..Pkt 10c	

DWARF QUEEN ASTERS

This splendid Aster makes dwarf bushy plants about 10 inches high, of compact habit of growth, producing a great number of double flowers.

30 White ..Pkt 10c.	31 Crimson ..Pkt 10c.	32 Mixed ..Pkt 10c.
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"SNOWBALL or PRINCESS" WHITE

33 This is the first variety of an entirely new class which may be best compared to Lilliput Dahilas. A single plant develops as many as 30 pure white flowers. Per pkt 10c, 3 for 25c.

"TRIUMPH"

34 About 7 to 8 inches high, the individual flowers measuring from 2½ to 3 inches across and are of the most faultless Pæony form. The color is a peculiarly rich and brilliant pure scarlet. It produces its flowers in great abundance, each plant bearing at least 30 to 40. Pkt 10c.

35 **The Yellow Aster**—In this we have the nearest approach to a yellow Aster, which has been so long sought after. Pkt 10c.

36 **Large Pæony-Flowered Robust Dwarf**—Most valuable, being constantly in growth, with handsome foliage and large, beautifully-formed flowers, brilliant colors, mixed. Pkt 10.

QUEEN OF THE MARKET

Blooms three weeks earlier than other Asters, of branching habit, excellent for growing under glass. 1 foot.

37 White.....Pkt 10c	40 Crimson.....Pkt 10c
38 Light Blue ...Pkt 10c	41 Mixed.....Pkt 10c
39 Rose.....Pkt 10c	

EARLIEST PARISIAN

The earliest of all by nearly three weeks. Plants are dwarf and very branching, blooming very freely; very double flowers borne on very long stems, rendering them of exceptional value for cutting.

42 WhitePkt 10c	43 RosePkt 10c
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Ostrich Plume Aster

44 Plants 15 to 18 inches high and of strong branching habit, the flowers measuring 4 to 5 inches in diameter and borne on long stems. The petals are long, wavy and so twisted as to give an extremely beautiful effect. Pkt 10c, 3 for 25c.



Comet Aster Pkt 10c.

Simmers' Improved Victoria Asters

Undoubtedly one of the most handsome Asters in cultivation of which we have an excellent strain. Flowers very large and perfectly double, of globular shape and beautifully imbricated; plants are of fine pyramidal form. 1½ feet high.

45 Pink.....Pkt 10c	47 Purple.....Pkt 10c
46 Scarlet.....Pkt 10c	48 White.....Pkt 10c
49 Finest Mixed.....Pkt 10c, per oz \$2.50	

Giant Comet Asters

A handsome new and very distinct Aster, resembling the Japanese Chrysanthemum in shape of flowers; the petals are very long and beautifully curled, are of a lovely delicate pink, bordered with white, bright pink, light blue, white borders and other colors.

50 Pink.....Pkt 10c	52 Light Blue.....Pkt 10c
51 Pink and White.....Pkt 10c	53 Pure White.....Pkt 10c

54 **THE BRIDE**—A variety of the Giant type. The flowers, on opening, are of purest white changing as they become older to a beautiful shade of rose; a most unique transformation. Pkt 10c.

55 **Mixed**—Pkt 10c, 3 pkts 25c.

New Giant-Branching Comet Asters

Freedom—A greatly Improved type of the Comet Aster, in which each of the enormous flowers is provided with a long, stiff stem, making them most desirable as a cut flower. The flower is bright carmine, finely striped with silvery white.

56 Pkt 10c, 3 pkts for 25c.

Victory—Another of the Giant-Branching type, producing large, bright crimson flowers of the true Comet form on long stiff stems. The petals being well reflexed showing a beautiful soft shade of clear carmine or rose-pink.

58 Pkt 10c, 3 pkt for 25c.

59 **Giant-Branching Comet (Mixed)**—Pkt 10c, 3 pkts for 25c.

Japanese Giant Aster

57 Plants of pyramid growth, about 18 inches high, bearing on long stems from 40 to 50 flowers, averaging 5 inches across, composed of wavy and twisted needle-shaped petals, making the flower free from the stiff and formal appearance usual to Asters. Mixed colors. Per pkt 10c, 3 pkts 25c.

SPECIAL OFFER For those wishing a succession of Asters during the season we offer the following four varieties:

QUEEN OF THE MARKET, Mixed, early.
PÆONY FLOWERED, Mixed, medium.
VICTORIA, Mixed, medium.
SEMPLES BRANCHING, Mixed, late.

1 Pkt each for 35 cents.

.. ASTERS ..

Sample's Branching

The plants form strong, robust bushes about two feet high, bearing profusely on long, strong stems, handsome Chrysanthemum-like flowers, many being over six inches in diameter. The flowers have none of the stiffness usual to most Asters, making them particularly desirable as cut flowers. They come into flower from two to three weeks later than most sorts, filling the gap between the general run of Asters and Chrysanthemums.

60 Pure White.....	per pkt 10c	65 Crimson and White.....	per pkt 10c
61 Shell Pink.....	10c	66 Rose and White.....	10c
62 Lavender Blue.....	10c	67 Purple.....	10c
63 Bright Crimson.....	10c	68 Mixed Colors.....	10c
64 Blackish Blue.....	10c		

One packet each of any five colors for 35 cents.

69 **Daybreak**—A grand variety, of American origin. It attains a height of 18 to 24 inches, and produces lavishly its perfect globe-shaped flowers of beautiful shell-pink color, similar to that of the Daybreak Carnation. A magnificent variety either for bedding or for cut flowers. Per pkt 10c, 3 pkts 25c.

70 **"Mignon" Mixed**—This beautiful Aster has rapidly acquired general popularity. We have, it is true, succeeded in obtaining several new colors, but they show as yet such a tendency to vary that we are constrained to offer mixed seed only. The mixture contains light blue, lilac, rose, carmine rose and crimson varieties in addition to the fine white one. Per pkt 10c.

71 **Washington**—Pure white, flowers 4 to 5 inches in diameter and of perfect form. Free bloomer. Per pkt 10c.

72 **Vick's White Branching**—This Aster is a strong grower of branching habit, and blooms later in the season than any other variety. The flowers are pure white, four inches and over in diameter, and borne on long stems. Pkt 10c.

73 **China**—Double-quilled Chinese Aster; 1 to 2 feet; in variety mixed. Oz \$1, pkt 5c.

74 **Chrysanthemum-Flowered Double Dwarf**—Of very compact growth, very abundant; later than other varieties, therefore valuable for succession; 1 foot, mixed colors. Pkt 10c.

75 **Crown or Cockade**—Large flowers with two colors, the centre being white; height 1½ feet, varieties mixed. Pkt 10c.

76 **Giant Emperor**—Beautiful class, large double flowers, varieties mixed. Pkt 10c.

77 **Goliath White**—Vigorous growth, producing immensely large flowers upward of 5 inches in diameter, so double as to appear in a sub-conical form, of a dazzling white color. Pkt 10c.

78 **SIMMERS' EXCELSIOR MIXTURE OF TALL DOUBLE ASTERS**—This is a mixture of the most beautiful, striking and delicate colors of tall varieties selected from the cream of Truffaut's desirable sorts, and includes our best named kinds. Like our other popular mixtures of Pansies, Nasturtiums, etc., we select the finest special colors for Simmers' Excelsior Mixture of Tall Double Asters, and the Aster lover will be astonished at the wide range of colors given in this truly excelsior strain. Pkt 10c, 3 pkts 25c, ½ oz 40c.

79 **SIMMERS' EXCELSIOR MIXTURE OF DWARF ASTERS**—Many of our customers may find difficulty in choosing among the above strains of Dwarf Asters, and where not desired for an even bed or border we would recommend the planting of our Excelsior Mixture. It consists of the most distinct and lovely colors from all the above Dwarf Asters, and we guarantee it to give satisfaction. Pkt 10c, 3 pkts 25c, ½ oz 40c.

ASTER SEED BY WEIGHT

Victoria —In separate colors.....	per one-eighth oz 50c
" All colors mixed.....	" " 40c
Truffaut's —In separate colors.....	" " 40c
" All colors mixed.....	" " 35c
Dwarf Chrysanthemum-Flowered —All colors mixed.....	" " 35c
Comet Mixed	" " 35c
Sample's —In separate colors.....	" " 35c
" Mixed.....	" " 25c

AMARANTHUS

Plants grown exclusively for their foliage, and in late summer and early fall, when they have reached their fullest development, the glowing effect produced by their mass of rich foliage is scarcely equalled by any class of plants. They succeed in any soil.

80 **Atropurpureus**—Hardy annual, 3 feet in height, drooping flower plumes, heart-shaped metallic tinted leaves. Pkt 5c.

81 **Caudatus** (Love Lies Bleeding)—Hardy popular annual, 2 feet in height. Pkt 5c.

82 **Melancholicus Ruber**—Half-hardy annual, 2 feet high, with rich, blood red foliage. Pkt 5c.

83 **Monstrous** (Prince of Wales Feather)—A hardy popular annual of pleasing effect, 2 feet in height. Pkt 5c.

84 **Salicifolius** (Fountain Plant)—2 to 3 feet in height, of branched and pyramidal growth. Pkt 5c.

85 **Salicifolius Henderi**—3 to 5 feet high, forming a well-branched, gracefully curved pyramid, with pendent foliage 12 inches in length. Pkt 10c.

86 **Tricolor** (Joseph's Coat)—Half-hardy annual, 1½ feet high, foliage beautifully marked, yellow, red and green, very showy. Pkt 5c.

87 **Tricolor Splendens**—An improved variety of the preceding, the foliage being more distinctly marked. Pkt 5c.

ALOYSIA (Lemon-scented Verbena)

88 A perennial, popular deciduous greenhouse shrub known as the Lemon-Scented Verbena, Aloysia Citriodora (*Verbena Citriodora*). Pkt 10c.



Sample's Branching Aster. Pkt 10c.

ALYSSUM

Free flowering, pretty little plants for beds, edging or rock work. The annual variety blooms the whole summer, and the perennial is among our earliest and most attractive spring flowers.



Sweet Alyssum. Pkt 5c.

89 **Sweet Alyssum**—White fragrant flowers, hardy annuals, 6 inches. Per oz 30c, pkt 5c.

90 **Little Gem**—Of dwarf, compact habit, 3 to 5 inches in height, each plant covering a circle 15 to 30 inches in diameter. Flowers when quite small, and is a solid mass of white bloom from spring till late autumn. Per oz 50c, pkt 10c.

91 **Saxatile Compactum**—Golden yellow, shining, hardy perennial, three-quarter foot high. Pkt 5c.

ALONSOA (Mask Flower)

Handsome bedding plants, succeeding well in any garden soil, freely producing flowers of great brilliancy; half-hardy annual.

92 **Warscewiczii**—Bright scarlet flowers. Pkt 5c.

93 **Linifolia**—Scarlet flowers, fine feathered foliage. Pkt 5c.

AMPELOPSIS

94 **Quinquifolia** (Virginia Creeper)—One of the best climbing plants for permanent situations, as it is perfectly hardy, cling to the sides of whatever it may be growing against by the rootlets which it throws out along the stems. Grows 50 to 100 feet high. Pkt 10c.

95 **Veitchii** (Boston Ivy)—It clings to stonework, tree, etc., and is a splendid plant for covering unsightly objects; it attains a height of 50 feet. Perfectly hardy. See Plant List for large well-grown plants. Pkt 10c.

ANAGALLIS (Pimpernel)

Pretty little trailing, hardy annuals, flowering profusely in summer; used with advantage for small beds, edgings, rustic baskets, vases or rock work.

96 **Grandiflora**—Scarlet, blue and carmine mixed. Pkt 5c.

ANCHUSA

Showy, hardy perennials, with intense blue flowers of the form of Forget-me-not, with clear white centre, continuing in bloom for a long time.

97 **Altissima**—Three feet in height. Pkt 5c.

ANGELONIA

Pretty hot-house plant with fine musk-like scent; suitable for windows.

98 **Florabunda Grandiflora**—Pkt 15c.

FLOWER SEED BY WEIGHT

We carry large stocks of Flower Seeds and can furnish any quantity desired of any sort. Send us your list for estimate.



Amaranthus Tricolor. Pkt 5c.



Aquilegia or Double Columbine. Pkt 5c.

veins forming pleasing contrast; of easy Culture.

103 *Grandiflora*—Height 2 feet, large flowered. Pkt 5c.

104 *Mexicana*—Showy yellow. Pkt 5c.

ANTIRRHINUM (Snapdragon)

One of the most showy and useful border plants. The more recently improved varieties of this valuable genus have large, finely-shaped flowers of the most brilliant colors, with beautifully marked throats; they succeed in any good garden soil, and are very effective in beds. Hardy biennials, blooming the first year from seed; one to two feet high.

105 *Tall*—Extra fine striped and plain varieties. Pkt 5c.

106 *Dwarf*—Extra choice mixed colors. Pkt 5c.

ARISTOLOCHIA (Dutchman's Pipe)

107 *Sipho or Bonplandi*—An exceedingly beautiful and interesting rapid-growing deciduous hardy perennial climber, flowers resembling a tobacco pipe. Pkt 10c.

ARMERIA (Thrift, Sea Pink)

108 *Formosa Rosea*—Commonly known as Thrift; hardy perennial of low growth, rosy flowers of long duration, like Everlastings; the plants are the best for edging borders or rockeries. Pkt 10c.

ARABIAN PRIMROSE (Summer Flowering)

109 *Arnebia Cornuta*—A charming annual, growing in bushy form about two feet high and about the same in breadth; flowers over three-quarters of an inch across, and of a rich primrose yellow, marked with five black spots. Pkt 10c.

ASPERULA (Woodruff)

110 *Azurea Setosa*—A hardy annual of easy culture in any soil, and of most valuable qualities, with verbena-like umbels of azure blue flowers, height one foot. Pkt 5c.

111 *Odorata*—A hardy perennial, one foot in height; the small star-like branches of fragrant white flowers appear in May and June. Pkt 10c.



Asparagus Plumosus Nanus

AQUILEGIA (Columbine)

Highly ornamental, hardy perennials, combining at once flowers the most curious in form, with colors most striking and beautiful; height from 2 to 3 feet; seed germinates very slowly.

99 *Stellata fl., pl.*—Star-like double flowers, different colors, mixed. Pkt 10c.

100 *Vulgaris fl., pl.*—Double flowers, showy, different colors, mixed. Pkt 5c.

101 *Chrysantha* (Golden spurred)—Bright golden yellow, 3 feet. Pkt 10c.

ARABIS (Rock Cress)

Remarkably early flowering dwarf plants for rockeries, flower-beds, edgings, etc. Continuously in bloom from early spring until frost sets in; height 9 inches; hardy perennial.

102 *Alpina*—Per Pkt 5c.

ARGEMONE (Prickly Poppy)

Showy, hardy annuals; flowers the shape of a single poppy; leaves bluish green, with white



Antirrhinum (Tom Thumb). Pkt 5c.

ASPARAGUS

112 *Plumosus Nansus*—This plant possesses the advantage of being very graceful, its foliage being finer than that of the most delicate fern, and will last for weeks after being cut, the whole plant being of a bright cheerful green. It is an excellent house plant, succeeding under almost any conditions. Pkt 10c, 3 for 25c.

113 *Sprengeri*—A pot plant for decorative purposes or for planting in suspended baskets. It will make an excellent house plant, as it withstands dry atmosphere and will succeed in almost any position. We consider this one of the best house plants introduced in many years. Pkt 10c, 3 for 25c.

ARTEMISIA

114 *Stelleriana*—Hardy, showy perennial, with beautiful silvery, large and gracefully cut leaves, of agreeable odor, a valuable bedding plant, flowers small. Pkt 10c.

AURICULA

115 *Variegated*—Very beautiful dwarf, hardy perennial, succeeds best in northern aspect not exposed to the sun; choice quality. Pkt 10c.

BALLOON VINE (Love in a Puff)

116 A rapid-growing, handsome summer climber, small white flowers, seed vessels resemble small balloons, 10 to 15 feet high. Pkt 5c.

BARTONIA

117 *Aurea*, or Golden Bartonia—A favorite hardy annual, with showy, brilliant yellow flowers; of easy culture. Pkt 5c.

BEE (Ornamental)

The ornamental-leaved Chilian Beets are among the most useful of the decorative foliage plants. For ribbon beds or groups they are very effective.

118 *Red Chilian*—Scarlet ribbed. Pkt 5c, oz 15c.

119 *Yellow Chilian*—Golden Yellow. Pkt 5c, oz 15c.

120 *Dracena-Leaved*—Brilliant dark red foliage. Pkt 5c.

BEGONIA

Plants may be had in flower the first season from seed grown in February or March in a temperature of 60°. Set out in beds as soon as the ground becomes warm. Keep tubers over winter in dry sand.

121 *Giant Single Tuberous Rooted*—Finest mixed varieties. Pkt 25c.

122 *Giant Double Tuberous Rooted, Mixed*—Our seed has been hybridized, using the most double flowers and handsome single varieties. Pkt 35c.

123 *Pearcei*—A magnificent tuberous variety, bright golden color, Pkt 25c.

124 *Rex Hybrids*—Ornamental-leaved varieties. Pkt 25c.

125 *Vernon*—Flowers of a brilliant orange carmine; foliage of a glossy red, blooms profusely throughout the summer; a good bedder. Pkt 10c.

BELLFLOWER—(See Campanula).

BLEEDING HEART—(See Diclytra).

BOCCONIA

126 *Japonica*—A hardy, perennial foliage plant of pleasing effect among shrubbery, 5 to 6 feet. Pkt 5c.

BRACHYCOME (Swan River Daisy)

Neat dwarf, half-hardy annual, 6 inches high, flowers similar to the Cinerarias.

127 *Iberidifolia*—Blue. Pkt 5c.

128 *White*—Pkt 5c.

BROWALLIA

129 *Elata*—Blue. Pkt 5c.

130 *Elata*—White. Pkt 5c.

131 *Rozlii*—Blue, yellow centre. Pkt 10c.

132 *CACALIA*—Mixed. Pkt 5c.

133 *CALANDRINIA*—*Grandiflora*—Deep pink. Pkt 5c.

CACTUS

134 Sow seed in flower pot saucers filled with coarse sand, and cover with glass. A better way is to set the saucer of seeds into a larger one containing water. Put the young seedlings into very small pots. Many varieties, extra choice mixed. Pkt 15c.



Brachycome (Swan River Daisy). Pkt 5c.



Double Tuberous Begonia. Pkt 35c.

BALSAMS

Balsams or Lady Slippers are old favorites with everyone, owing to their handsome double flowers, brilliant colors and stately growth.

- 135 **Simmers' Invincible Camellia-Flowered Double Mixed**—We have no hesitancy in pronouncing this strain the **FINEST IN CULTIVATION**. The flowers are very large, measuring from two to three inches in diameter, of perfect form, resembling the flower of the Camellia, and are as double. Height two feet; mixed. Pkt 10c, 3 pkts 25c.



Calandula, Double Large Flowering, Sulphur Yellow. Pkt 10c.



Calceolaria, Lady's Slipper. Pkts 25c and 50c.



Campanula—Canterbury Bells

- 136 **Dwarf Double**—One foot in height, flowering abundantly, quite distinct. Pkt 10c.
 137 **Solferino Double**, or **Carnation Striped**—Distinguished by the flowers being striped and streaked with lilac and scarlet on satin-white ground. Pkt 10c.
 138 **Camellia-Flowered, Perfection White** (Queen's White)—Flowers pure white, of immense size and solidity. Pkt 10c.
 139 **Victoria Double**—Brilliant salmon-scarlet, finely-spotted and streaked flowers on white ground, tall, very fine. Pkt 10c.

Collection of Camellia-Flowered Balsams—Ten very fine varieties, 50c.

CALENDULA (Pot Marigold)—A showy free-flowering genus of hardy annuals, producing a pretty effect on mixed borders, and growing freely on any soil.

- 140 **Double Large Flowering, Sulphur Yellow**—A light yellow variety of this favorite annual, compact habit, large well-filled flowers. Pkt 10c, 3 for 25c.
 141 **Pongei fl. pl.**—Double white. Two feet high. Pkt 5c.
 142 **Ranunculoides fl. pl.**—Double flowering dwarf orange. Pkt 5c.
 143 **Superba—Sulphur.** Pkt 5c.
 144 **Meteor**—Double striped, flowering, very commendable. Pkt 5c.
 145 **Mixed Varieties**—Pkt 5c, oz 20c.

CALCEOLARIA (Lady's Slipper)—A most magnificent, early-flowering class of indoor or hardy greenhouse plants treated as biennials, with remarkably showy, interesting flowers, mottled and spotted in endless varieties of shade.

- 146 **Hybrida Maculata** (James' Giant Strain)—Beautiful variety with spotted or mottled flowers, highly improved. $\frac{1}{2}$ pkt 25c, pkt 50c.
 147 **Hybrida Shrubby**, for Perennial—For bedding out, bright yellow flowers. $\frac{1}{2}$ pkt 25c, pkt 50c.

CALIFORNIA GOLDEN BELLS—148 **Emmanthe Pendulifera**—An annual bushy plant, 9 to 12 inches high, each branch is loaded with broadly bell-shaped flowers, about one-half inch long, of creamy yellow color. Pkt 10c.

CAMPANULA (Canterbury Bells)—Bellflowers, when well grown, are among the most attractive and saucer-shaped flowers in blue, white or flesh color.

- 149 **Medium Single Mixed** (Canterbury Bells)—Two feet high; large single blue flowers. Pkt 5c.
 150 **Medium Double Mixed**—Double flowering variety of the preceding, constant from seed. Pkt 5c.
 151 **Pyramidalis**—Three to five feet high, producing long spikes closely set with deep blue flowers. Pkt 10c.
 152 **Loreyi**—A dwarf hardy annual, with deep blue flowers. Pkt 10c.
 153 **Macrostylia**—A hardy annual, 15 inches high, forming a broad-headed bush, surmounted with cup-shaped flowers, $1\frac{1}{2}$ inches across, violet purple upon white ground. Pkt 10c.
 154 **Cup and Saucer**—The flowers grow in the form of a cup and saucer, the colors are principally white and rose and occasionally blue. Pkt 10c, 3 for 25c.
 155 **Striped Cup and Saucer**—The bells average 3 inches in length, and the saucers 4 to 5 inches across, of a satiny lavender. Plants form perfect pyramids of bloom about 24 inches high. Hardy biennial. Pkt 10c, 3 for 25c.

CALLIOPSIS or CORREOPSIS—Showy, free flowering hardy annuals, indispensable in any collection, adapted for bouquets.

- 156 **Double Yellow**—Double golden-yellow, with maroon spots. Pkt 5c.
 157 **Tricolor**—Very desirable hardy annual, 1 to $1\frac{1}{2}$ ft. yellow flowers, dark centre. Pkt 5c.
 158 **Cardaminæfolia, Hybrida**—Of more dwarfish habit than the preceding, dark brown. Pkt 5c.
 159 **Golden Wave**—Very showy sort, bright golden-yellow flowers, dark centre. Pkt 5c.
 160 **Mixture** of all the desirable sorts. Pkt 10c.
 161 **Correopsis Lanceolata**—Golden Correopsis—One of the finest hardy plants, large, showy bright golden yellow flowers freely produced on long stalks from June till frost. Hardy perennial, 3 feet. Pkt 10c.

CALLIRHOE—162 **Pedata**—A half-hardy annual of the Mallow tribe, with large deep rosy flowers produced in abundance during the whole summer, of easy culture, height 2 feet. Pkt 5c.



Simmers' Invincible Camellia-Flowered Double Balsams. Pkt 10c.



Calliopsis Mixed. Pkt 10c.



Canary Creeper or Canary Bird Flower

Canna

(or Indian Shot)

Very stately and highly ornamental plants, with large, broad, massive foliage, and rich crimson, scarlet or yellow flowers. When planted in groups or masses they impart a tropical aspect to the garden. They are half-hardy, and produce fleshy roots which, if taken up and kept in a cellar, may be divided every spring and used like Dahlias for years.

172 **Crozy's Gladiolus Flowered**—This distinct class, of dwarf, compact habit, produces flowers similar to the Gladiolus, but excelling them in brilliancy, marking and variety of colors, embracing all shades. They are valuable for groups, solitary plants and for house decoration. They will bloom the first year from seed. Per pkt 10c, $\frac{1}{2}$ oz 20c.

173 **CHOICE MIXED, Old Varieties**, red and green foliage. Pkt 5c.



Cineraria Hybrid Grandiflora Maxima

Centrosema Grandiflora or Butterfly Pea

174 A perfectly hardy perennial vine of rare beauty, which blooms in July from seed sown in April, and bears in great profusion inverted pea-shaped flowers rangin in color from a rosy violet to a reddish purple with a broad feathery white marked through the centre, the buds and back of the flowers being pure white. Pkt 10c.

CANARY CREEPER

(or Canary Bird Flower)

163 A well-known, pretty, favorite creeping annual with bright yellow flowers shaped like a bird with partly extended wings, running up to 8 or more feet in height, in light, rich soil; it may be treated as a hardy or half-hardy annual. Per pkt 5c, oz 30c.

CANDYTUFT

Hardy annual or perennial, yielding an abundance of fragrant flowers throughout the whole season in almost any soil or situation; it is a well-known favorite for beds, edgings, pots, borders, etc., deserving to be cultivated in every garden.

164 **Empress**—One of the finest varieties in cultivation. It is intermediate in height between the old Rocket and the newer Tom Thumb sorts. The plant is of a very branching habit, and when fully grown and covered with its large trusses of pure white flowers, resembles a floral candelabra. Do not sow too thickly. Per pkt 10c, 3 pkts 25c, $\frac{1}{2}$ oz 30c.

165 **Scarlet** (or Carter's Carmine)—One foot high. Pkt 5c.

166 **Purple**—One foot high. Pkt 5c.

167 **Snowflake White**—One foot high. Pkt 5c, oz 25c.

168 **Mixed**. All colors. Per pkt 5c, $\frac{1}{2}$ oz 15c.

169 **New Dwarf Hybrids**—This is a very choice mixture of dwarf-growing Candytuft with flowers candelabra shaped, in a large variety of colors, very attractive and well worthy a trial. Pkt 10c, 3 for 25c.

170 **Perennial** (*Iberis Tenoriana*)—A half-hardy perennial shrub, 1 foot high, white fragrant flowers, for indoor culture. Per pkt 10c.

171 **Iberis Gibraltarica, Perennial**—A beautiful hardy perennial, about 1 foot high, specially adapted for rockeries, baskets, etc. Coming into flower early in the spring. It is a very profuse bloomer, and in color it is pure white, shading off to delicate lilac. Pkt 10c, 3 for 25c.

Catchfly

175 A favorite hardy annual, foot high, flowering freely, and suitable in any soil. Pink and white. Pkt 5c.

CASTOR OIL BEAN

(Palma Christi)

Most favorite stately growing hardy annuals; from their tall growth and fine foliage well suited for decorating shrubberies or lawns.

176 **ZANZIBARENSIS** — A new form of Ricinus, of short-jointed stout growth and extraordinary large leaves, which are produced in such abundance that the plant is a perfect pyramid of beautiful foliage. The most tropical and ornamental Castor Bean yet introduced. The seeds, which grow to extraordinary size, are beautifully mottled and speckled, and show various colors: White, pink, black, crimson, etc. The seeds are as beautiful to look at as are many flowers. They are sure to please all. Pkt 10c, oz 20c, $\frac{1}{2}$ lb 50c.

177 **Cambogiensis** — They grow from 6 to 8 feet high in a few weeks from time of planting, with large, palm-like leaves of a bronzy red maroon color with large red veins. The leaf stems and younger growth are of rich reddish brown, while the main stem or trunk is of ebony black, the foliage in the sunlight glitters as if highly burnished. Pkt 10c, oz 30c.

178 **Borboniensis Arbor-eus**—Immense green foliage, 15 feet. Pkt 5c, oz 25c.

179 **Gibsoni**—Dark purple stems and leaves; 5 feet. Pkt 5c, oz 25c.

180 **Sanguineus**—A distinct variety, with beautiful brownish-red foliage and bright seed pods; very effective; 6 feet high. Pkt 5c, oz 20c.

181 **Mixed**—In many sorts. Pkt 5c, oz 20c.



Empress Candytuft. Pkt 10c.

CINERARIA

FLOWERING VARIETIES—A popular class, mostly indoor or greenhouse plants, yielding abundance of bright tinted flowers early in spring in great variety of shades. Cinerarias grown from our strain of seed have been greatly admired on account of their large flowers and distinct colors. Our strain of Cineraria cannot be surpassed either for size of flowers or beauty of color, many of the blooms measuring $2\frac{1}{2}$ inches in diameter. We have received very flattering reports from florists and private gardeners of their success with our Cineraria seed. All desiring the best should obtain our strain.

182 **Hybrida Grandiflora Maxima**—Mixed. $\frac{1}{2}$ pkt 25c, pkt 50c.

183 **Hybrida, double flowered**—Representing every shade of color; unquestionably one of the best of recent introduction. $\frac{1}{2}$ pkt 25c, pkt 50c.

Bedding Cinerarias

184 **Maritima**—A hardy perennial extensively used for bedding purposes on account of the silvery, finely fringed foliage. Pkt 5c.

185 **Acanthifolia**—Silvery leaves, beautifully cut, 1 foot high. Pkt 10c.



Castor Oil Bean—Zanzibarensis. Pkt 10, 3 for 25c

REMEMBER!—When asked for we give a copy of **Hints on Growing Flowers** (32 pages) with every Dollars' Worth ordered.

Simmers' Carnations



Chrysanthemum, Single Mixed.
Pkt 5c.

CHRYSANTHEMUM

(Annual Summer Flowering)

Showy and effective garden favorites, extensively grown for cut flowers. The hardy annuals are summer flowering border plants; good for pot culture, and quite distinct from the autumn flowering variety.

191 **Coronarum**—Two feet double white and yellow mixed. Pkt 5c.

192 **Single Mixed**—One to two feet. Per pkt 5c, oz 30c.

193 **Eclipse**—Pure golden, with bright purplish scarlet ring on ray floret; disc is brown. Pkt 5c.

194 **Dunnetti**—Three-colored flowers, very pretty. Per pkt 5c.

195 **Grandiflorum Frutescens**—("The Marguerite" or "Paris Daisy.") It produces freely white star-like flowers. Pkt 10c, 3 for 25c.

196 **Inodorum Plenissimum**—Double, snow-white, very free-flowering and fine for cutting. A perennial flowering the first year from seed. Pkt 10c.

197 **Japanese Hybrids**—The seed here offered has been saved from a magnificent collection, from blooms that have been carefully crossed, and may be expected to produce some rare novelties in this popular flower. Chrysanthemum seed grown in spring will produce vigorous flowering plants by fall, and do better than old plants. Per pkt 20c.

CLEOME (Spiderwort)

Very pretty, half hardy, fragrant annuals, two feet high, flowers somewhat resemble a spider.

198 **Purpurea**—Purplish blue flowers. Pkt 5c.

199 **Pungens** (*Giant Spider Plant*)—A showy robust growing plant, 4 to 5 feet high, producing long curious spikes of flowers of a bright rose color. Pkt 10c.

CENTRANTHUS

200 **Macrosiphon**—Showy, low growing, hardy annuals, suitable for any ordinary garden soil. Pink flowers, one foot. Pkt 5c.



Clematis Paniculata. Pkt 10c, 3 pkts 25c.

A magnificent genus of hardy popular perennials, with deliciously fragrant flowers of most brilliantly variegated colors.

186 **Extra Choice Double**—Mixed saved from a rich collection of named flowers, which will produce splendid varieties. Per pkt 25c.

187 **Fine Double**—Mixed, sweet scented sorted sorts. Pkt 10c.

188 **Remontant, Perpetual Flowering, or Tree**—Flowering almost constantly during the year, and in winter if kept indoors. Seeds from extra choice double flowers. Per pkt 25c.

189 **Early Dwarf Grenadin**—For yielding a quantity of double flowers for cutting there is no carnation that can equal it. It will live through the winter with very little protection, being one of our hardiest sorts. Flowers salmon-red and sweet scented. Pkt 10c.

190 **Marguerite**—Plants are of dwarf, compact and neat habit, branching closely above the ground, and do not require any support. They flower most abundantly, and throughout the whole year. Eighty per cent. of the flowers are very double, never burst, and embrace a great variety of colors. The seedlings bloom in four months from planting and by making repeated plantings may be had all winter. Pkt 10c, 3 for 25c.

For Carnation plants, see under plants.



CLARKIA

A genius of hardy annual plants of great elegance and beauty, succeeding well in any soil, and flowering freely in many shades of color.

201 **Mrs. Langtry**—A beautiful form of Clarkia. The petals have an even edge, the color of the flowers being purest white, with an evenly defined disc or centre of carmine crimson. Pkt 10c.

202 **Double and Single Varieties**—Mixed. Per pkt 5c.

CLEMATIS (Virgin's Bower)

These hardy perennials are most rapid growing climbers, producing an abundance of interesting, sweet-scented and showy flowers.

203 **Flammula**—Sweet-scented, white flowers. Per pkt 10c.

204 **Jackmanii**—Rapid climber, with intense deep violet purple flowers of large size. Pkt 10c.

205 **Paniculata** (*Japanese Virgin's Bower*)—This is one of the few really good hardy climbers, and has so many merits, that we have decided to bring it prominently to the notice of our customers. Unlike other sorts, it grows easily from seed, and sown early will flower the first year. The leaves are of a bright, glossy green, it is never troubled with insect pests, and when in bloom astonishes with the quantity of flowers, being completely hidden beneath a blanket of white hawthorne-scented blossoms. (See cut). Pkt 10c, 3 pkts 25c.

CERASTIUM

(Snow in Summer)

206 **Beibersteini**—

One of the prettiest hardy perennial plants ever known for bedding out or ribboning, being of dwarf growth, densely branching with leaves covered

with a cottony down of snowy whiteness, and producing a profusion of elegant white flowers, 6 inches high. Per pkt 10c.

CLIANTHUS

(Glory Pea of Australia)

207 A splendid half-hardy shrub 2 feet high, with large, rich, crimson-shaded clusters of pea flowers, shaped like parrot bills. If sown early will flower outdoors the first year. Pkt 15c.

CLINTONIA

208 **Pulchella**—Elegant, tiny, half-hardy annual, 6 to 8 inches high, sky-blue flowers, with white centre. Best grown in pots or in hanging baskets. Pkt 10c.

COBÆA

Elegant rapid-growing climbers, 20 to 30 feet high, that can be grown in the greenhouse or conservatory, or in the garden in summer, where from their luxuriance they are particularly desirable for covering arbors, walls, etc. Flowers large and bell-shaped.

209 **Scandens**—Large, bell-shaped, purple flowers. Per pkt 10c, 1 oz 20c.

210 **Scandens Alba**—Pure white. Per pkt 10c.



Cobæa Scandens. Pkt 10c.

CENTAUREA

(Corn Flower or Bachelor's Button)

Showy, free flowering, hardy annuals, succeeding well in any kind of soil.

211 **Centaurea Imperialis**—This new *Centaurea*, a cross between *C. Moschata* and *C. Marguerite*, represents the best that has been produced in these beautiful summer blooming plants. The bushes are about 4 feet high, of enormous dimensions, and are covered with large, beautiful flowers of the form and fragrance of *Centaurea Marguerite*. The flowers will keep for over a week in water if cut just when they are about to open. Mixed colors. Pkt 10c, 3 for 25c.

212 **Marguerite**—The handsomest *Centaurea* known and should be planted in every garden. The plants grow about fifteen inches high and are of the easiest culture. The flowers are of the purest white, exquisitely fragrant, and are produced in great abundance. Having long stems, it is valuable both as a cut flower and for decorative purposes. Pkt 10c, 3 pkts 25c.

213 **Odorata Chameleon**—Its flowers are large, sweet-scented, and of a pale sulphur-yellow, changing gradually into creamy white with purple shadings and again into pink. Pkt 10c, 3 for 25c.

214 **Odorata (Mixed)**—Habit same as the preceding. Pkt 10c.

215 **AMERICANA**—Lilac flowers, 3 feet high. Pkt 5c.

216 **Depressa**—Deep blue flowers, one foot high. Pkt 5c.

217 **Double**—In addition to the doubleness of the flower, this strain contains a number of new shades. Pkt 5c.

218 **Cyanus (Blue Bottle)**—Different colors, mixed, 2 feet high. Pkt 5c.

219 **Suaveolens (Sweet Sultan)**—Bright golden yellow flowers, height 1½ feet. Pkt 5c.

DUSTY MILLER—White leaved. The following are beautiful hardy perennial plants with silvery leaves of dwarf growth, useful for bedding, and treated as annuals if sowed early in the spring.

220 **Candidissima, Compacta**—Pkt 10c, 1,000 seeds 75c.

221 **Gymnocarpa**—Pkt 10c, 1,000 seeds \$1.00.

COCCINEA INDICA

222 This is a remarkably pretty climber, foliage ivy-like, bright and luxuriant, never troubled with insects, and admirably adapted for trellises, arbors, etc. The small flowers are soon followed by numerous fruits two inches long, which turn to brilliant scarlet spotted with white. Half-hardy perennial—10 feet. Pkt 10c.

COLEUS

223 **Hybridus**—Beautiful ornamental foliage plants both for hot-house and bedding out during the summer: the broad oblong leaves being of a deep, crimson brown color, edged with green, yellow or salmon color, or mottled in a most picturesque manner. Simmers' finest mixture. Pkt 25c.

COCKSCOMB (or Celosia)

Splendid half-hardy annuals, generally known. To grow them to perfection they should be planted in the richest compost, in a sheltered position.

224 **Cristata, Giant**—Mixed colors. Pkt 10c.

225 **Dwarf**—Mixed colors. Pkt 5c.

226 **President Thiers, Glasgow Prize or Tom Thumb**—A fine dwarf variety, with dark leaves and crimson combs. Pkt 10c, 3 for 25c.

227 **Japonica (Japanese Cockscomb)**—Plants 2½ feet in height, dark red foliage and stem, purplish scarlet head. Pkt 10c.

**Dwarf Cockscomb**

228 **Thompson's Superb (Triomphe de l'Exposition)**—Pyramidal in growth, attaining a height of a little more than two feet, and producing beautiful large spikes of the most brilliant crimson. In sunlight the rich color of the flower spikes is beautifully contrasted with the bronze-colored foliage. Pkt 10c.

229 **Feathered or Ostrich Plume, Mixed**—This feathered *Celosia* produces very large plumes which are exquisitely curved and curled in exact resemblance of an ostrich feather. The plant grows about three feet high, is of handsome pyramidal form. Pkt 10c.

**Dwarf Morning Glory**

220 **"Golden Yellow" Branched Cockscomb (Celosia Japonica aurea)**—A pyramidal branched plant about 2 feet high, each branch being surmounted with finely ruffled comb, bright golden yellow. Pkt 10c.

**Centaurea Cyanus, Cornflower. Pkt 5c.****COLUMBINE (See Aquilegia)****COLLINSIA**

231 **Bicolor, Mixed**—Very neat hardy annuals, foot high, growing in any light soil. Flowers purple, lilac and white spotted. Pkt 5c.

COMMELINA

232 **Celestis**—A pretty biennial of easy culture and of low growth flowers bright sky-blue. Pkt 5c.

COSMOS

233 **Early Flowering Mixed**—Seed sown in the open ground in the beginning of May, will produce blooming plants in August, and they will continue to flower until late in fall. We know of no single flower that is as handsome and chaste as the *Cosmos*, while for keeping qualities when cut they are unexcelled. Pkt 10c, 3 for 25c.

234 **Early Yellow Cosmos**—Flowers sulphur yellow, from 1 to 1½ inches in diameter, the plants attaining a height of about 2 feet. Pkt 10c.

235 **Dawn, Early Dwarf, Large-Flowering**—More bushy and compact than the older varieties, and grows only about four feet, while all others attain a height of six to seven feet. The flowers are fully as large as those of the old sort, pure white with a tinge of rose. They commence to bloom in July and last until frost. Pkt 10c.

236 **Pure White "Pearl"**—Pkt 10c.

COLLOMIA

237 **Coccinea**—Hardy annual, about 18 inches high, scarlet flowers neat in bouquets, grown in any light soil. Pkt 5c.

CONVOLVULUS (Dwarf Morning Glory)

Very popular hardy training annuals, flowering in different shades of brilliant blue and purple, with white centre, until late in autumn.

238 **Minor Mixed**—They are covered with flowers from June until late in fall. The only annual that equals it in freedom of bloom is the *Godetia*. The flowers are about the size and shape as the tall or climbing *Morning Glory*. Many colors mixed. Pkt 5c, oz 20c.

239 **Double Flowering**—Flowers variegated, semi-double, but not very constant from seed. Pkt 5c.

240 **Mauritanicus**—A hardy trailing perennial, sky-blue flowers, 1½ inch diameter. Pkt 10c.

**Early Cosmos**

COWSLIP

241 *Primula Veris*—A well-known, hardy, early-flowering perennial, appropriate for edging borders; flowers bright yellow and fragrant. Pkt 5c.

242 *Giant American Cowslip* (*Dodocatheon Clevelandii*)—It throws up stems of flowers fully one foot high, each surmounted by 6 to 10 large, beautiful cyclamen-like flowers of violet blue, with yellow and black centre. It is perfectly hardy and beautiful plant for partially shaded situations. Pkt 25c.

CUCUMIS

243 *Flexuosus* (Snake Cucumber)—Fruit resembling a long green snake, upwards of seven feet in length, a great curiosity. Pkt 5c.

244 *Perennis, or Perennial Gourd*—A rapid growing, half-hardy perennial climber, handsome fruit. Pkt 10c.

CUPHEA (Cigar Plant)

Remarkable for their beauty, freedom of blossom, and ornamental appearance both in the greenhouse and in the arbor; admirably adapted for pot culture for blooming in winter.

245 *Platycentra* (Cigar Flower)—One foot high; intense scarlet flowers. Pkt 10c.

246 *Rozitii*—Three feet high; brilliant scarlet flowers, blooming in winter. Pkt 10c.

CYCLAMEN

A graceful tuberous greenhouse or parlor plant with beautiful deep pink or white fragrant flowers.

247	<i>Persicum Giganteum</i> —Williams' white,	
	violet purple eye...	Pkt 15c.
248	" " Rose	Pkt 15c.
249	" " Dark red	Pkt 15c.
250	" " White	Pkt 15c.
251	" " Mixed	Pkt 15c.

CYCLANTHERA

Cyclamen Persicum Giganteum
Pkt 10c.

252 *Explorens*—Fast growing, hardy annual climber, fringed foliage, oval-shaped fruit. Pkt 5c.

CYPERUS (Umbrella Plant)

253 *Alternifolius*—A handsome foliage plant for the greenhouse or open ground; resembles an open umbrella frame. Pkt 10c.

CYPRESS VINE (*Impomœa*)

254 *Cypress Vine* (*Impomœa quamoclit*)—A beautiful scarlet or white flowering climber. Pkt 5c.

DAHLIAS FROM SEED

It is strange how few people know that Dahlias can be raised from seed and bloom the first year. The seed we offer is saved from the choicest varieties only, and if sown early will bloom profusely all summer.

255 *Double Cactus, Mixed*—The flowers are double and in a large variety of handsome and rich colors. A very early-blooming race. Pkt 10c, 3 for 25c.

256 *Best Double Mixed*—Pkt 10c, 3 for 25c.

257 *Dwarf or Lilliput Mixed*—Pkt 10c.

258 *Single Mixed*—Pkt 10c.

For DAHLIA ROOTS see under *Bulbs*.

DIDISCUS

259 *Cœruleus*—A half-hardy annual, 2 feet high, delicately formed foliage and sky-blue in umbels, very useful in bouquets. Pkt 5c.

DIELYTRA

260 *Spectabilis* (Bleeding Heart)—A beautiful hardy perennial, 2 to 3 feet high, feathered foliage, flowers lovely pink, drooping, heart-shaped, in numbers on slender stems. Pkt 10c.

DOLICHOS (Egyptian or Hyacinthe Bean)

261 *Giganteus*—A favorite, hardy annual climber, of rapid growth, bearing large clusters of showy, fragrant flowers, the seed pods in form of beans, deep purplish-blue colored. Pkt 5c.



Single Mixed Dahlias. Pkt 10c.

DRACENA OR CLUB PLANT

Palm-like plants, indispensable for decoration.

262 *Indivisa*—Grows easily from seed. Pkt 10c.

DRACOCEPHALUM (Dragon's Head)

263 *Moldavicum*—Annual, 2 feet high, blue flowers. Desirable hardy annual plants of low growth, of quite an agreeable fragrance, easily grown from seed. Pkt 5c.

DOUBLE DAISY (*Bellis Perennis*)

The double German Daisy is one of the prettiest dwarf hardy perennials in cultivation. It flowers the first year from being sown; seeds from the finest double sorts.

264 *Simmers' Mammoth Mixed*. Pkt 10c.

265 *Pure White*—Double; valuable for florists. Pkt 10c.

266 *Longfellow*—Fine large flowering, dark rose flowers. Pkt 10c.

267 *Snowball*—A sport of that charming variety Longfellow, which possesses the good qualities of its parents; long stem, free bloom and large double flowers, about 80 per cent. of which are extremely large and snowy white, justifying its name. Pkt 10c.



Simmers' Mammoth Dahlies. Pkt 10c.

DICTAMNUS

Very pretty, hardy perennials; the leaves have a pleasant smell like lemon peel when rubbed.

268 *Fraxinella, or Gas Plant*—The ordinary purplish pink form, while not showy, is stately, and the white variety is really handsome. It has strong, fresh, pleasant lemon perfume, particularly so when you rub the flowers. Pkt 10c.

269 *Fraxinella Alba*—White flowers. Pkt 5c.

DIGITALIS (Fox Glove or Witch's Finger)

Well-known, showy, tall, hardy perennials, with large spikes of beautiful bell-shaped flowers in different shades of purple and pink and white, height about 3 feet.

270 *Monstrosa Purpurea* (Mammoth Foxglove)—The largest and best type, all colors, mixed. Pkt 5c.

271 *Gloxinaeflora*—Large flower spikes, beautifully spotted, mixed. Pkt 10c.

DATURA (Trumpet Flower)

This genus forms part of our most showy plants both with respect to flower and foliage; flowers are trumpet-shaped, almost six inches in length and very fragrant; they are half-hardy annuals.

272 *Double Golden Queen*—Large double flowers of a deep golden yellow, delightfully fragrant. Pkt 5c.

273 *Fastuosa Huberniana*—Mixed from large double flowers of various colors. Pkt 5c.

274 *Arborea Simplex* (*Brugmansia*)—Large, single, trumpet-shaped, white fragrant flowers, about 12 inches long; plant out in May. Pkt 10c.

275 *Cornucopia* (Horn of Plenty)—The plant is of roost habit, with thick brownish-purple, shining stems; branches spreading 3 or 4 feet with dark green large leaves. The grand trumpet-shaped flowers measure 7 to 9 inches in length, and 4 to 6 inches across, and are formed of three distinct trumpet flowers, growing each within the other; the mouth of the corolla is a delicate white, while the outside is richly marbled with purple. Pkt 10c, 3 pkts 25c.



Datura, Cornucopia. Pkt 10c.



Digitalis or Foxglove. Pkt 5c.

DELPHINIUM (Larkspur)

All Larkspurs, whether of hardy annual or hardy perennial nature, are remarkable for their great beauty, diversity of shades and high decorative qualities. They also differ greatly in their habit of growth, some producing magnificent spikes of flowers, others again being dwarf and completely covered with flowers. Sow the seed early and they bloom freely the first year.

276 **Double Rocket, Ajacas, fl. pl.**—Two feet high, with long spikes of various shaped flowers. Pkt 5c.

277 **Double Hyacinth Flowered**— $1\frac{1}{2}$ feet high, more compact in growth, flowers as fine as the preceding. Pkt 5c.

278 **Emperor**—Of symmetrical bushy habit, with a profusion of brilliant dark blue, red-striped and tri-colored flowers. Pkt 5c.

279 **Double Stock flowered**—The flowers, of a fiery carmine, are of great effect, and their principal merit consists in keeping their bright color even in a dry state. Pkt 10c.

280 **Consolida Candelabrum, fl. pl.**—Double branching, of compact, branching pyramidal growth, 1 foot high; flowers in many colors; appearing in abundance in a candelabra-like outline. Pkt 10c.

HARDY PERENNIAL VARIETIES

281 **Cashmerianum**—A beautiful dark blue; blooms in corymbs of six or more; 15 inches. Pkt 10c.

282 **Zalil (Hardy Yellow Larkspur)**—Sulphur yellow, plant of branching habit, bearing spikes of 40 to 50 blossoms, each one inch in diameter, flowering from June until August, 3 to 4 feet. Pkt 10c.

283 **Formosum**—Two feet high; flowers in large spikes of exquisite blue and white. Pkt 5c.

284 **Pillar of Beauty**—(*D. formosum celestinum*)—An unusually pretty color—a delicate azure of sky blue, so bright and pretty a shade that it has to be seen to be appreciated. Pkt 10c.

285 **Nudicaule**—Of dwarf compact growth, producing flowers varying in color from light scarlet to crimson. Pkt 10c.

286 **Sinense**—Two feet high, flowering in loose clusters, sky blue, white or pink; excellent for bouquets. Pkt 5c.

DIANTHUS—PINKS

A magnificent genus, combining some of the most popular flowers in cultivation, producing a great variety of brilliant colors and profusion of bloom. The hardy biennials and Japanese varieties bloom the first season, the same as hardy annuals, height 1 foot. The hardy perennial varieties are very fragrant and of easy culture in the garden or greenhouse.

SINGLE ANNUAL VARIETIES

287 **Crimson Belle**—Very fine, large rich crimson flowers. Pkt 10c.

288 **Eastern Queen**—Beautifully marbled, with broad bands of reddish lake upon petals. Most valuable. Pkt 10c.

289 **SALMON QUEEN**—Its flowers are of a very distinct and perfectly new tint in this class. They are of the most brilliant salmon color imaginable, changing into a salmon-rose when fading. The flowers are well formed and nicely fringed. Pkt 10c, 3 pkts for 25c.

DOUBLE ANNUAL VARIETIES

290 **Imperialis, fl. pl.** (Double Imperial Pink)—About six inches high, in great variety of shades. Pkt 5c, oz 75c.

291 **Chinensis, fl. pl.** (Double China or Indian Pink)—About 12 inches high, of robust growth, extra double flowers, in great variety. Pkt 5c, oz 50c.

292 **White Frill or Mourning Cloak**—Double flowers of large size, rich and unique colors; rich purple maroon, almost velvet black, and sharply edged with clear white, making a striking and beautiful contrast. Pkt 10c.

293 **Coronatus, fl. pl.**—Carnation striped, double China Pink. Pkt 10c.

294 **Heddewigii Hybridus, fl. pl.** (Japan Pink)—Robust, growing exceedingly large, distinct showy flowers. Pkt 5c.

295 **Heddewigii Double White**—Very large double white flowers. Pkt 10c.

296 **Heddewigii Diadematus, fl. pl.** (Double Diadem Japan Pink)—Extremely double, large flowering, beautiful shades. Pkt 10c.

297 **Laciniatus, fl. pl.**—Very large double fringed flowers. Pkt 10c.

HARDY PERENNIAL VARIETIES

298 **Barbatus (Sweet William)**—One foot high, fine variety of colors, single mixed. Pkt 5c.

299 **Barbatus, fl. pl.**—Double Flowering Sweet William—Brilliant variety mixed. Pkt 10c.

300 **Plumarius, fl. pl.**—Double flowered, pheasant-eyed, pink, exquisitely fragrant. Pkt 10c.

301 **Superbus Nanus**—Double white dwarf, an excellent and profitable variety for florists and for bedding out. Pkt 10c.

302 **Collection**—Ten distinct varieties of Dianthus, 75c.

ECHEVERIA

303 **Metallica**—A dwarf, succulent greenhouse perennial, for bedding out during summer, with broad bronze fleshy leaves. Pkt 25c.



Dianthus Laciniatus, fl. pl. Pkt 10c.



Dianthus Heddewigii, fl. pl., or Double Japan Pink. Pkt 5c.



Dianthus Crimson Belle and Eastern Queen. Pkt 10c.



Perennial Larkspur



Annual Larkspur



Single Sweet William. Pkt 5c.

ELICHRYSUM (Everlasting).

- | | |
|--|-----------|
| 304 Golden Ball—1 ft. high, bright yellow flowers | Per pkt 5 |
| 305 Snowball—White flowers..... | 5 |
| 306 Fireball—Scarlet flowers..... | 5 |
| 307 Dwarf Mixed (<i>Compositum minimum</i>)—Quite distinct | 5 |
| 308 Tall Double Mixed (<i>Monstrosium fl. pl.</i>)—3 ft high | 5 |

ESCHSCHOLTZIA (California Poppy)

Very showy hardy annual flowering abundantly until very late in autumn, similar to poppies, of dwarf growth, succeeding in any soil.

- | | |
|--|---|
| 309 Californica—Orange..... | 5 |
| 310 Rose colored..... | 5 |
| 311 White..... | 5 |
| 312 Mandarin—Brilliant scarlet, distinct | 5 |

ECCREMOCARPUS (Calampelis)

- | | |
|---|----|
| 313 Scaber—A rapid-growing tender annual, with pretty foliage and clusters of handsome scarlet flowers..... | 10 |
|---|----|

ERYTHRINA (Coral Plant)

- | | |
|--|----|
| 314 Crysta Galli—An ornamental, half hardy perennial shrub, fine for outdoor summer decoration, with beautiful foliage and superb spikes of scarlet pea-shaped flowers; 5 ft high..... | 10 |
|--|----|

EUPHORBIA (Snow-on-the-Mountain)

- | | |
|---|----|
| 315 Variegata—Half-hardy annual, 1½ ft. high, showy, excellent for borders | 10 |
| 316 Heterophylla—(The gorgeous Annual Poinsettia). "Mexican Fire Plant," or "Fire-on-the-Mountain." 3 pkts for 25c..... | 10 |

EVERLASTINGS, MIXED

- | | |
|---|----|
| 317 A single packet will supply a great variety of the most attractive Everlasting Flowers. No more welcome present can be given to a visitor than some of these imperishable flowers. 3 pkts for 25c.... | 10 |
| Everlasting Pea (See Lathyrus). | |
| Evening Primrose (See Enothera). | |

FERNS

- | | |
|--|----|
| 318 To raise them from seed is very interesting; full directions are printed on the packages. A choice mixture of hardy kinds..... | 15 |
| Collection of Ferns—Twelve varieties \$1.50. | |
| Feverfews (See Matricaria). Four O'Clocks (See Marvel of Peru). | |

FRAGARIA

- | | |
|--|----|
| 319 Indica (<i>Indian Strawberry</i>). A yellow-flowering, half-hardy, perennial, producing pretty scarlet but tasteless fruit in succession almost during the whole year; a desirable plant for hanging baskets | 10 |
|--|----|

FREESIA

- | | |
|---|----|
| 320 Refracta Alba—Very easily grown bulbs, which can be readily produced from seed. The flowers are pure white with yellow throat and exquisitely fragrant. Three pkts 25c, or..... | 10 |
|---|----|

FORGET-ME-NOT

- | | |
|---|----|
| 321 Alpine (<i>Myosotis alpestris</i>)—4 ins high, delicate sky-blue..... | 5 |
| 322 Victoria—The flowers are large and of a bright azure blue with yellow centres. The plants form neat bushes completely covered with flowers; a valuable variety for cut flowers and pot culture..... | 10 |
| 323 Semperflorens—A charming dwarf Forget-me-not, continuing in bloom from early spring until autumn; blue; 8 inches..... | 10 |
| 324 Compact Blue—5 in. high..... | 10 |

- | | |
|--|----|
| 325 Dark Blue (<i>azorica</i>)—Flowers half an inch across; rich turquoise blue, without eye | 10 |
| 326 White Flowering..... | 10 |
| 327 Clear Blue (<i>dissitiflora</i>)—One of the best of all the Forget-me-nots. It is of a remarkably compact habit, profuse bloomer, having the appearance, when in full flower, of a sheet of exquisite blue.... | 10 |
| 328 Palustris—Beautiful blue flowers, 1 ft., suitable for swamp ground | 5 |

FUCHSIA

- | | |
|--|----|
| 329 (Lady's Ear Drop). A pre-eminently beautiful popular greenhouse or parlor plant. Variegated mixed..... | 25 |
|--|----|

GERANIUM

- | | |
|--|----|
| 330 Zonale—Scarlet sorts mixed | 10 |
| 331 Double, Mixed—This seed will produce a large percentage of double flowers of extra fine colors | 25 |
| 332 Apple-Scented—This fragrant variety can only be grown from seed to form fine plants..... | 15 |
| 333 Pelargonium, Mixed—From fancy and spotted varieties | 25 |

GILIA

Hardy annual; very free flowering; suitable for sowing in masses.

- | | |
|--|---|
| 334 Achillæfolia Rosea—2 ft. high, rosy flowers..... | 5 |
| 335 Capitata—2 ft., sky blue..... | 5 |
| 336 Tricolor—1 ft., white, lilac and purple..... | 5 |

GAILLARDIA Truly elegant, half-hardy biennial plants, flowering the first year, or hardy perennials of dwarf habit and flowers of two or three striking colors, in form of Cockades.

337 *Picta Grandiflora*—The largest flowering variety of these popular annuals, very showy, many colors mixed. Pkt 10c.

338 *Picta Lorenziana*—The ray and disc flowers of this new variety develop into tubular funnel-shaped florets one above another. 10c.

339 *Hybrida Maxima*—These are the choicest of hardy perennials; flowers are large numerous, excellent for cutting, and of brilliant shades of orange, crimson, scarlet and vermilion and very often a combination of all these colors in one flower; many colors mixed. Pkt 10c.

GAMOLEPIS 340 *Tagetes Pumila*—Half-hardy annual, 1 ft., feathered foliage and dark yellow flowers. Per pkt 10c.

GENTIANA 341 *Acaulis*—Short-stemmed, hardy perennials, much used for edging; flowers dark blue..... 10

(GLADIOLUS BULBS ARE OFFERED ON PAGE 68)

GLAUCIUM (Horn Poppy) 342 *Corniculatum*—Ornamental, hardy, robust, perennial foliage plants, bordering

GLOBE AMARANTHUS (*Gomphrena Globosa*) Handsome favorite hardy everlasting annuals, flowering freely the whole summer.

- | | |
|---|---|
| 343 Bright Purple—Flowers 18 in. high | 5 |
| 344 White..... | 5 |
| 345 Variegated..... | 5 |
| 346 Orange Yellow..... | 5 |

GLOXINIA (*Hybrida Crassiflora*)

Bulbous-rooted plant, producing in great profusion during summer months large bell-shaped flowers of the richest and most beautiful variety of brilliant colors. The bulbs must be kept warm and dry during the winter; 1 foot.

347 *Grandiflora*, with erect flowers—A mixture of the finest spotted and blotched varieties. Pkt 25c.

Gloxinia Bulbs, splendid large flowering bulbs, sure to produce first-class bloom. Price per bulb 15c, 4 for 50c, doz. \$1.50, postpaid.

GREVILLEA (Silk Oak)

348 *Robusta*—Very beautiful and graceful foliage; highly valued as a decorative plant for table and tropical lawn effects. tender perennial, 3 to 5 ft. Pkt 10c.



Gloxinia

GODETIA

Ornamental hardy annuals, 2 feet, various shades of lilac and purple.

- | | |
|--|---|
| 349 <i>Insignis</i> —Large flowered, mixed..... | 5 |
| 350 <i>Lady Albemarle</i> —Crimson, edges of the petals suffused with pale lilac, dwarf..... | 5 |
| 351 <i>Lady Satin Rose</i> —Unequalled for brilliancy and richness of colors. The flowers are of a brilliant deep rosy pink, the surface shining like satin..... | 5 |

GOLDEN FEATHER (See Pyrethrum).

GRASSES—ORNAMENTAL

- | | | | |
|---|----|---|----|
| 352 <i>Briza Maxima</i> | 5 | 356 <i>Lagurus Ovatus</i> Hare's Tail Grass)..... | 5 |
| 353 <i>Bromus Brizaeformis</i> (Brome Grass)..... | 5 | 357 <i>Stipa Penata</i> (Feather Grass)..... | 10 |
| 354 <i>Coix Lachrymae</i> (Job's Tears)..... | 10 | 358 Ornamental Grasses—Mixture..... | 10 |
| 355 <i>Gynerium Argenteum</i> (Pampas Grass)..... | 10 | | |

For the convenience of those who are not familiar with botanical names we give an index of Common or English names of Flowers of which we offer seed in this Catalogue. The same will be found in our book "Hints on Growing Flowers."

GOURDS (Ornamental)

- 359 *Angora*—The foliage is dense and the fruits are spotted white of the most curious shapes and colors. They are very desirable. Pkt 5c.
- 360 *Flat Corsican*—Fruit in form of flat bottles. Pkt 5c.
- 361 *Dipper or Syphon*—Pkt 5c.
- 362 *Herculean Club*—Fruit like large clubs. Pkt 5c.
- 363 *Bottle*—Pkt 5c.
- 364 *Orange*—Pkt 5c.
- 365 *Pear*—Pkt 5c.
- 366 *Striped Flat*—Green striped, very pretty. Pkt 5c.
- 367 *Nest Egg*—Pkt 10c.
- 368 *Serpent*—Fruit 5 to 6 feet in length, which when ripe becomes a brilliant carmine color. Pkt 10c.
- 369 Mixture of the above. Pkt 5c.
- Customers' Selection of 6 pkts 25c.**

GYPSOPHILA

- Hardy annuals or perennial plants of low growth, producing multitudes of tiny white flowers, extremely neat in bouquets.
- 370 *Elegans, Mixed*—Annual, 2 feet high. Pkt 5c.
- 371 *Paniculata*—White, fine for bouquets, perennial. Pkt 5c.

HELIANTHUS or SUNFLOWER

- Ornamental Gourds**
- rich golden yellow, 5 to 7 inches across. Pkt 5c, oz 20c.
- 373 *Annus, fl. pl.*—Tall, large and very double. Pkt 5c, oz 20c.
- 374 *Ever-Blooming "Stella"*—This new annual 3 to 4 feet high, produces its flowers in the greatest abundance all through the summer till late in the fall. They are 2½ to 3 inches across, borne on long stems, purest golden yellow with a black disc. Pkt 10c.
- 375 *"Texas Silver Queen"*—At home in the South, where it attains the height of 10 feet, branching from the ground to the top, forming pyramid with upwards of 100 flowers on the one plant. Pkt 10c, 3 for 25c.
- 376 *Cucumerifolius, Miniature Sunflower*—Small flowered, dwarf, single sunflower, rich yellow, an abundant bloomer. Pkt 5c.
- 377 *Oculatus, fl. pl.*—Very double, tall, yellow, green centre. Pkt 5c.
- 378 *Globosis Fistulosus*—Flowers from 12 to 15 inches in diameter, globular and extremely double, most effective of all annual Sunflowers. Pkt 5c, oz 10c, ¼ lb 25c.
- 379 *Multiflorus*—Hardy perennial, 5 to 6 feet high. Pkt 5c.
- 380 *Mammoth Russian*—As the name implies of gigantic dimensions both of flowers and stalk; seeds are used largely for chicken feed. Pkt 5c, ¼ lb 10c, 1 lb 25c.

HELIOTROPE

- 381 *Lemoine's Giant Hybrids*—Their fragrance is delicious and powerful. The colors are from pure white through all shades of violet and blue to deep indigo. Per pkt 10c, 3 pkts for 25c.
- 382 *Peruvianum*—Popular indoor or greenhouse plant of low growth and deliciously fragrant purplish-blue or lilac trusses of delicate flowers. Mixed. Pkt 10c.

HELIPTERUM

- 383 *Sandfordii*—Pretty dwarf everlastings, with bright yellow flowers. h.h.a. Pkt 10c.

HIBISUS

A hardy free flowering annual, 2 feet high, straw colored flowers, with prominent dark spots at the base, very desirable for mixed bed of flowers.

- 384 *Africanus*—(Calisurus). Pkt 5c.
- 385 *Syriacus (Double Rose of Sharon)*—White and purple. Pkt 10c.
- 386 *Crimson Eye*—Pure white, with a large spot of velvety crimson in the centre of each flower; hardy perennial. Pkt 10c.



Hunnemannia or Yellow Tulip Poppy
Pkt 10c.

HESPERIS or ROCKET

(Dame's Violet)

- 387 *Matronalis*—Popular hardy, fragrant flowering perennial, 2 feet high. Mixed colors. Pkt 5c.

HOPS

- 388 *Hops*—The old standard variety. Pkt 5c.
- 389 *Japanese Variegated*—The first color is bright deep green distinctly marked and blotched with silvery white tinged with yellow; now and then a leaf will be almost snowy white, and another one, not far away, almost green. Pkt 10c, 3 for 25c.
- 390 *Humulus Japonicus*—Green-leaved Japanese Hop. Pkt 5c.

HONESTY

- 391 *Lunaria Rediviva*—Hardy biennial, admired for its silvery seed pouches, which are used for house ornaments, 2 feet high. Pkt 10c.

HUMEA

- 392 *Elegans*—Red, 3 feet high. A remarkably handsome plant, invaluable for decorative purposes; in the centre of beds it is most effective; half-hardy biennial. Pkt 10c.

HUNNEMANNIA FUMARIAEFOLIA

- 393 *Bush Escholtzia (Yellow Tulip Poppy)*—The plants grow into a shrubby bush, 2 feet high, and produce large cup-shaped flowers 3 inches across on stems, 12 inches long. The color is of clear, bright yellow, the petals are broad and crinkled, like crushed satin. The flowers keep in water for two weeks. Pkt 10c.

ICE PLANT

A pretty little trailing plant, the leaves of which are covered with crystalline globules; half-hardy annual.

- 394 *Mesembryanthemum Crystallinum*—Ice Plant. Pkt 5c.
- 395 *Tricolorum*—Dew or wax plant. Small pink flowers. Pkt 5c.
- 396 *Cordifolium*—Large rosy purple flowers, good for hanging baskets, heart-shaped variegated leaves. Pkt 5c.

IMPOMEA—(See Morning Glory and Cypress Vine).

IMPATIENS SULTANA

- 397 *Zanzibar or Sultan's Balsam*—Planted in open ground in June, it grows luxuriantly, flowers with the greatest profusion. Brilliant rosy scarlet. Pkt 15c.

IPOMOPSIS

- (Stambling Cypress)—Stems 2 feet high. Remarkably handsome, free flowering, half hardy biennials for indoors, flowering the second year in different tints of bright orange scarlet.

- 398 *Elegans*—Mixed. Pkt 5c.

KALANCHOE CARNEA

- 399 This beautiful decorative plant attains a height of about 18 inches and is of good bushy habit. The pink flowers are of wax-like consistency, last a long time in perfection and are deliciously fragrant. Pkt 20c.

KAULFUSSIA

- 400 *Ameloides*—A pretty dwarf hard annual, 6 inches high, dark purple, daisy-like flowers, desirable for early summer flower beds. Pkt 5c.

KOOHIA

- 401 *Scoparia* (Belvidere, or Summer Cypress)—Rapid growing, graceful plants for mixed borders. Yellow, hardy annuals, 3 ft. Pkt 10c.

LANTANA

- 402 *Hybrida*—Fine mixed. A rapid growing indoor shrub, for bedding during summer, 3 feet; flowers in heads of yellow, pink, orange or changeable colors. Pkt 5c.

LARKSPUR (See Delphinium).

LAVATERA

- 403 *Hybrida*—Handsome, free flowering, upright growing hardy annual, of the Mallow tribe, crimson rose flowers. Pkt 5c.

LAVENDER

- 404 A hardy plant, bearing spikes of blue flowers, which are cut and dried for their fragrance; perennials from 1 to 2 feet. Pkt 5c.

LAYIA

- 405 *Elegans*—A pretty and attractive little hardy annual, for cut flowers purposes. The rays of the flower-heads are bright yellow with white tips. Pkt 10c.

LEMON VERBENA (See Aloysia)
Lily of the Valley 4.6 (*Convallaria*) 10c



Miniature Sunflower
(*Helianthus Cucumerifolius*)



Japanese Variegated Hop.
Pkt 10c, 3 for 25c.



Lantana Hybrida

HOLLYHOCKS (*Althaea Rosea*)

One of our grandest summer and autumn flowering plants, bearing long spikes of double flowers, 3 to 4 inches across. Hardy biennials, 5 to 8 feet high. The seed we offer has been saved from our unrivaled collection of choicest improved double varieties.

407 **CHATER'S EXTRA DOUBLE MIXED**—Most beautiful and true. Pkt 15c.

408 **Chater's Double White**—Extra strain of perfectly double pure white flowers. Pkt 10c.

409 **Chater's Double Yellow**—Comprising buff, straw color and orange shades. Pkt 10c.

410 **Chater's Bright Red**—Double. Pkt 10c.

411 **Chater's Bright Pink**—Double. Pkt 10c.

Hollyhocks—Chater's Prize Collection, 12 distinct colors, 50 cents.

For Hollyhock plants to flower this year, see plant list.

LOBELIA

(Dwarf or Compact Varieties)

Little, round, compact plants fine for edgings, ribbon beds, etc., 4 to 6 inches high.

412 **Prima Donna**—A charming novelty; in habit dwarf and compact, rich, velvety, crimson maroon flowers. Pkt 10c, 3 for 25c.

413 **Crystal Palace**—Dark blue, fine for beds. Pkt 10c.

414 **White Gem**—Pure white, compact habit. Pkt 10c.

415 **Emperor William**—Blue, white eyes. Pkt 10c.

TRAILING VARIETIES

Branching plants for hanging over vases and baskets, 6 to 9 inches high.

416 **Gracile**—Light blue, slender, trailing stems, grown for baskets. Pkt 5c.

417 **Erinus Grandiflora Stellata, or Paxtoniana**—Large blue flowers, white eye. Pkt 10c.

418 **Erinus Speciosa**—Large, free flowering, sky blue, white centre. Pkt 10c.

HARDY PERENNIAL VARIETIES

419 **Fulgens** (Queen Victoria)—Beautiful border plant, with brilliant scarlet flowers and metallic crimson foliage. Pkt 10c.

420 **Cardinalis**—Scarlet, native of Canada. Pkt 10c.

LIMNANTHES

421 **Douglasii**—Easily grown, free flowering, slightly fragrant plants, excellent for beds or edgings in damp, shady places; hardy annuals. Pkt 10c.

LINARIA (Kenilworth Ivy)

Very pretty, hardy annual or perennial, trailing or low growing plants.

422 **Alpina**—Perennial, lilac shaded. Pkt 10c.

423 **Cymbalaria** (Kentucky Ivy)—Perennial, purple and white. Pkt 10c.

424 **Hendersonii**—Annual, 1 foot high; lilac and yellow-shaded flowers. Pkt 5c.

LINUM (Flowering Flax)

Free flowering hardy annual or perennial plants.

425 **Grandiflorum Rubrum**—Crimson. Pkt 5c.

426 **Perenne**—Perennial blue. Pkt 5c.

LOPHOSPERMUM

427 **Scandens**—Exceedingly beautiful and highly ornamental genus of climbers, handsome showy foxglove-like flowers; half-hardy annual or biennial. Rosy purple flowers. Pkt 10c.

LOVE-IN-A-MIST (Devil-in-the-Bush)

428 **Nigella Damascena**—Popular hardy annuals of low growth, handsome in bouquets. Blue white, mixed. Pkt 5c.

LIPINUS or LUPIN (Sun Dials)

Desirable plants for bedding and bouquets, long graceful flower spikes, richly colored flowers.

429 **Mixed Annual Varieties**—Pkt 5c.

430 **Mixed Perennial Varieties**—Pkt 5c.

LYCHNIS

Beautiful hardy, biennial and perennial plants, 3 feet high, remarkable, conspicuous heads of brilliant scarlet-shaded flowers.

431 **Chalcedonica**—Perennial, bright scarlet flowers. Pkt 5c.

432 **Grandiflora Gigantea**—A variety of the preceding, of dwarf nature, and with many large flowers. Pkt 10c.

MALVA

433 **Moschata Alba**—(White Musk Scented Mallow)—An attractive garden plant; grown into a pyramidal bush; produces numerous white flowers size of a silver quarter. Thrives best in a warm situation. Pkt 10c.

MALOPE

A favorite hardy annual, 3 feet high, with large conspicuous flowers of the Mallow tribe.

434 **Grandiflora**—White and rose, mixed. Pkt 10c.

MARTYNIA

Handsome, tropical appearing annuals, for outdoor cultivation during summer, being raised indoors; 2 feet high, large leaves and trumpet-shaped flowers, producing curiously shaped seed pods, like horns.

435 **Formosa**—Mixed. Pkt 5c.



Chater's Extra Double Hollyhock. Pkt 15c.



Marvel of Peru. Pkt 5c.

MARVEL OF PERU (Four O'clock)

433 (*Mirabilis Jalappa*)—Beautiful half-hardy annuals; may be kept in cellar during winter and replanted every spring; 3 feet high; flowers are fragrant, especially in the evening. In many shades, mixed. Pkt 5c.

MARIGOLD

Popular hardy annual border plants of magnificent effect; varying in height, form and color of flowers, but always being showy, desirable border plants.

437 **Eldorado, Tall** (Double African)—The handsomest of the Marigolds, its color ranging from palest yellow to the deepest orange; flowers large, almost round, and very double. Pkt 10c.

438 **Dwarf Double African**—1 foot high, orange color. Pkt 5c.

439 **Tall Double African**—2 feet high, orange color. Pkt 5c.

440 **Tall Striped Double French**—2 feet high, yellow flowers, with a broad stripe on each petal. Pkt 5c.

441 **Dwarf Double French**—1 foot high, flowers velvety brown, finely edged yellow. Pkt 5c.

442 **Gold Nugget, Double French**—Dwarf, dense growth, and immense double flowers, which are of a peculiar shade of golden yellow. Pkt 5c.

443 **Legion of Honor, French**—One of the prettiest and handsomest of the Marigolds. The plants grow 9 inches high, are insect and drought proof and will bloom from the middle of summer until late in fall. Flowers rich golden yellow marked with velvety brown. Pkt 10c.

MATHIOLA (Evening Scented Stock)

444 **Bicornis**—A desirable half-hardy annual, 1 foot high, bushy, with rosy lilac flowers of a delicious perfume, especially in the evening. Pkt 5c.

MATRICARIA (Feverfew)

Hardy perennials, flowering the first year, with daisy-like double white flowers, 1 foot high.

445 **Capensis, fl. pl.**—Known as Bridal Rose. Pkt 5c.

446 **Eximia Nana Aurea Crispi, fl. pl.**—Dwarf growing with golden yellow leaves exquisite for bordering. Pkt 10c.

MAURANDIA

447 **Maurandia, mixed**—The prettiest half-hardy climbing plants in cultivation, for trellises outdoors, or for greenhouse or parlor culture. Pkt 10c.

MELILOTUS (Sweet Clover)

448 **Suaveolens**—Pkt 5c.

MELOTHRIA

449 **Punctata** (African Oak-leaved Climber)—A magnificent, rapid-growing, climbing annual. Flowers are succeeded by great numbers of blue-brown berries. Pk 25



Marigold, Double Tail African, Eldorado. Pkt 10c.



Lobelia, Crystal Palace Compacta. Pkt 10c.

MIGNONETTE

(Reseda Odorata) —

Most popular fragrant flowering hardy annuals, of trailing habit and graceful appearance; indispensable in every garden.

450 **Large Flowered**—Sweet scented. Pkt 5c, oz 15c, 2 oz 25c, ½ lb 40c, 1 lb \$1.25.

451 **Mile's Spiral**—Of dwarf habit, branching large flowered spikes. Pkt 10c.

452 **Parson's White**—Stamens white, flowers large and fragrant. Pkt 10c.

453 **Golden Queen**—An entirely distinct sort of dense pyramidal habit, with golden yellow flowers, which give it a most attractive appearance. Pkt 5c.

454 **Compact Dwarf**—Of upright, compact, branchy growth, almost circular, with reddish tinted numerous flowers. Pkt 5c.

455 **Gabrielle**—New, red, very sweet, spikes very thick. Pkt 5c.

456 **Bird's Mammoth**—Under proper cultivation the spikes average 12 to 15 inches long, are very full and exceeding fragrant. Pkt 10c.

FIVE GIANT MIGNONETTES

457 **Bismarck or Improved Machet**—The flowers are borne on long stems, high above the thick, dark green, somewhat corrugated foliage; the bushes do not exceed one foot in height, the flowers are of a reddish hue and very sweet scented. Pkt 10c, 3 for 25c, oz 60c.

458 **Defiance**—When grown under favorable conditions and with proper care, its spikes will not only be of remarkable size—from 12 to 15 inches long—but deliciously fragrant. The individual florets are of large size and stand out boldly. Pkt 10c, 3 for 25c.

459 **The Prize**—This is a very distinct variety the flowers being unusually large as well as remarkable for their beautiful color and delicious fragrance; the flowers light red. Pkt 10c.

460 **Machet**—Vigorous dwarf pyramidal plants, very stout flower stocks, with numerous dark green leaves, terminating in long spikes of deliciously scented red flowers. Best for pot culture and valuable for borders. Pkt 10c, oz 70c.

461 **Giant Red, or Paris Market**—Its enormous flower spikes are of the largest size, the individual blossoms of an intense red color are very sweet scented.

One of the best for cut flowers and pot culture. Pkt 10c.

SPECIAL OFFER

One pkt of each of the above
Five Giant Mignonettes for
Thirty-Five Cents

MUSA ENSETE (Abyssinian Banana)

462 A splendid plant for the open air in summer, producing a most striking effect when planted singly or in groups. In our hot summers it luxuriates and attains gigantic proportions when freely supplied with manure and water. The seeds germinate easily if started in hot-bed or bottom heat in greenhouse. Tender perennial, 10 to 20 feet. Pkt of 5 seeds 25c.

**Machet Mignonette****Moonflower, or Evening Glory.** Pkt 10c.

MOONFLOWER—463 *Ipomoea Nectiflora*—Bears in the greatest profusion its lovely white flowers, 5 to 6 inches in diameter, with five-pointed star in the centre; flowers open at dusk or earlier on cloudy days; deliciously fragrant. Start early in the house and set out as early as safe in the spring. Pkt 10c.

MIMULUS (Monkey Flower)

Extremely handsome, dwarf growing, half-hardy biennials, with delicate, large beautifully tinted flowers, requiring shelter from the midday sun to bring them to perfection.

464 **Cupreus**—Spotted and blotched flowers on yellow ground. Pkt 5c.

465 **Simmers' Mammoth**—Unequalled for beautiful colors. Pkt 15c.

466 **The Emperor**—The flowers are remarkably rich and varied in color. Pkt 15c.

Mimulus Moschatus (See Musk Plant.)

MINA LOBATA**One of the handsomest climbers**

467 A charming Mexican climber, which somewhat resembles the Cypress Vine, except in color and shape of flowers, which are tuber-shaped, borne on fork-like racemes. Seed must be sown early. Pkt 10c.

MOMORDICA (Balsam Apple)

468 **Momordica Balsamina**—A trailing or low-climbing, half-hardy annual, the fleshy fruits, infused with sweet oil, being famous for curing wounds. Pkt 5c.

MUSK PLANT

469 **Musk** (*Mimulus Moschatus*)—This fragrant and universally favorite little plant is well-known and is equally at home in sitting-room, green-house or garden, half-hardy perennial. ½ ft. Pkt 5c.

Morning Glory (*Ipomoea*)

Magnificent hardy annual climbers, very free flowers, trumpet-shaped, rich shades.

470 **Morning Glories, all colors mixed**—Pkt 5c, oz 15c, 2 oz 25c, ½ lb 40c.

471 **Mexican Mixed**—Large flowering. Pkt 5c.

472 **Sky-Blue Mexican**—Splendid large flowering. Pkt 5c.

473 **Variegated Leaved**—With silvery white marbled leaves, distinct. Pkt 10c.

474 **Coccinea**—Scarlet, feathered leaves. Pkt 10c.

475 **"Heavenly Blue"**—Foliage very large, heart-shaped; flowers 4 to 6 inches across in large clusters, light blue with a yellow throat suffusing softly into blue. Also a splendid conservatory climber. Pkt 10c.

476 **Leardi "The Blue Dawn Flower"**—Most beautiful, bearing clusters of the most lovely sky-blue flowers 5 to 6 inches across. Pkt 10c.

For the newer varieties of Morning Glory see Novelties.

NICOTIANA or TOBACCO PLANT

The following are very ornamental half-hardy annuals and are very desirable.

477 **Grandiflora Purpurea**—Large massive foliage, dark purple, red flowers. Pkt 5c.

478 **Affinis** (*Sweet-scented Tobacco Plant*)—Produces an abundance of large, pure white flowers that expand fully in the morning and evening emitting a delicious fragrance. Pkt 10c.

**Nicotiana Affinis.** Pkt 10c.**Morning Glories.** Pkt 5c.

Simmers' Superb Nasturtiums

TALL, OR CLIMBING VARIETIES

Elegant and luxuriant climbers for verandas, trellises, etc., bearing the gorgeous flowers in profusion until killed by frost. May be used to cover unsightly railings and to trail over rough ground with fine effect. The seed pods can be gathered while green and tender for pickling. 6 to 10 feet. (See cut.)

479 **Simmers' Special Mixture**—Variegated. Pkt 5c, oz 10c, 2 oz 20c, $\frac{1}{4}$ lb 30c, lb \$1.00.

480 **Yellow**—Very fine. Pkt 5c, oz 15c.

481 **Dark Brown**—Tall. Pkt 5c, oz 15c.

482 **Hemisphaericum**—Fine, tall, scarlet. Pkt 5c, oz 15c.

483 **Edward Otto**—Brownish lilac.

484 **Golden Leaved Scarlet**.

485 **Heinemanni**—Silky bronze chocolate.

486 **Moltke**—Bluish pink.

487 **Pearl**—Creamy White.

488 **Prince Henry**—Cream color, spotted red.

489 **Regelianum**—Purple violet.

490 **Scheuermanni (straw color)**—Striped yellow and crimson.

491 **Schillingi**—Bright yellow, maroon blotches.

492 **Vesuvius**—Brilliant, fiery rose, very effective.

Any of the above—Pkt 5c, any 6 pkts for 25c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c.

Hybrids of Madame Gunther

493 There have already been produced twenty-two different colors or combination of colors in these new hybrids, including various shades of rose, salmon, bright red, pale yellow, etc., either self-colored or spotted, mottled, striped and marginal. For covering trellises, fences, arbors, piazzas, trailing from vases, over rock-work, etc., nothing can equal the gorgeous effect produced by their marvellous quantities of bloom borne in uninterrupted splendor from early summer until cut down by frost. Their ease of culture, the rapidity of growth, luxuriant and dense, to a height of 12 to 15 feet are wonderful.

Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.



Hybrids of Madame Gunther Nasturtium



Tall or Climbing Nasturtium

LOBBS' CLIMBING NASTURTiums

Trapæolum Lobbianum

The brilliance and profusion in blooming of the Lobbianum varieties render them superior for trellises, arbors and vases, etc., also for greenhouse or conservatory decoration in winter; annuals. 6 to 10 feet.

494 **Asa Gray**—Primrose yellow.

495 **Brilliant**—Dark scarlet.

496 **Chaixianum**—Yellow, spotted red.

497 **Giant of Battles**—Sulphur with dark red blotches.

498 **King of the Blacks (Roi des noirs)**—Black maroon.

499 **Lobbi Mutabile**—Tall, with bright, scarlet flowers.

500 **Mercier Lacombe**—Dark purplish crimson.

501 **Napoleon, III.**—Golden spotted with brown.

502 **Purpureum Violaceum**—Purple violet flowers.

503 **Spitfire**—Brilliant light scarlet.

Any of the above—Pkt 5c, any 6 pkts for 25c, oz 25c, 2 oz 35c.

504 **LOBBIANUM, FINEST MIXED**—This mixture is composed of the finest and most distinct varieties in this grand free flowering type. Planted in masses it will produce most gorgeous and showy effects. Pkt 5c, oz 10c, 2 oz 20c, $\frac{1}{4}$ lb 30c, lb \$1.00.

Tom Thumb, Dwarf or Bedding Varieties

The improved varieties of the Dwarf Nasturtium are among the most popular and beautiful of our garden plants. Their neat, compact growth, rich colored flowers and free-blooming and long-lasting qualities, together with their adaptability to almost any soil or situation, make them unsurpassed for garden decoration. 1 foot.

505 **Simmers' Special Dwarf Mixture**—Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 35c, lb \$1.25.

506 **Aurora**—Deep Crome yellow, the two lower petals blotched and veined carmine.

507 **Beauty**—Scarlet, splashed canary.

508 **Bronze Color**—Coppery bronze.

509 **Cloth of Gold**—Scarlet flowers and golden yellow foliage.

510 **Crimson Rose-Colored**—Dwarf.

511 **Dwarf Crimson**.

512 **Dwarf Yellow**.

513 **Empress of India**—Very dwarf, dark tinted foliage, flowers brilliant crimson.

514 **King Theodore**—Dwarf, intense dark brown flowers.

515 **King of Tom Thumbs**—Scarlet.

516 **Lady Bird**—Orange, yellow and red spots.

517 **Pearl White**—Cream color, very distinct.

518 **Prinz Heinrich**—Cream color, spotted red.

519 **Regelianum**—Purple violet.

520 **Ruby King**—Crimson rose, distinct foliage.

521 **Spotted King**—Orange spotted crimson.

Any of the above—Pkt 5c, any 6 pkts for 25c, oz 20c, 2 oz 30c.



Dwarf Nasturtium

NEMOPHILA (Love's Grove)

Of neat, compact habit, blooming freely all summer if thinned to 4 in. apart the plants will present a dense mass.

522 **Mixed**—Many rich, bright colors. Pkt 5c.

NIEREMBERGIA

523 **Frutescens**—A half-hardy perennial, slender growing plant, perpetually in bloom, flowering the first year if sown early; desirable for the greenhouse, baskets, vases, or bedding out; 1 ft. White tinted with lilac. Pkt 10c.

Nigella—(See Love-in-a-Mist).

NOLANA

524 Very pretty annual, trailing habit, with Morning Glory like flowers, well adapted to rock work, 6 inches, hardy annual, mixed colors. Pkt 5c.

OXALIS

Delicate half-hardy annual, and perennial, low growing plants with leaves like Shamrock.

525 **Mixed**—9 in. high, rosy flowers, annual. Pkt 10.

526 **Tropaeoides** (Corniculata)—Short trailing annual, leaves distinctly marked brown-purple yellow flowers. Pkt 10c.

527 **Valdiviana**—Perennial, flowering in the first year, bright yellow, sweet-scented. Pkt 10c.

OENOTERA

528 **Fine Mixed**—("Evening Primroses" or "Sun Drops"). Large showy flowers, various colors, hardy annual. 1 to 2 ft. Pkt 5c.

PERILLA

Ornamental half-hardy annual, deep, dark, purplish red foliage, for border or indoors.

529 **Nankinensis**—Leaves deep mulberry or purplish black, 1 foot high. Pkt 5c.

530 **Variegata**—With leaves finely variegated and veined. Pkt 10c.

PICOTEE PINKS

Well-known plants of great beauty, combining with the most perfect form the richest colors; they have a delicate perfume, and are easily cultivated. 1 foot high, half-hardy perennials.

531 **Mixed**—Best double quality. Pkt 25c.

532 **Pure White**—Pkt 25c.

PLATYCODON or WAHLENBERGIA

Hardy perennials producing very showy flowers during the whole season. They form large clumps and are excellent for planting among shrubbery.

533 **Mixed**—Blue and white. Pkt 10c.

Palma Christi (See Castor Oil Bean).



Pentstemon Gloxinoides Pkt 10c.

PENTSTEMON

Very attractive hardy perennial for beds, borders and cut flowers. The flowers are half-pendent, bell-shaped and marked and marbled in beautiful bright shades. They should be planted in a rich, open soil and protected during the winter.

534 **Finest Hybrids**—A splendid mixture. Pkt 10c.
535 **Gloxinoides**—Distinct in point of size of flower, individual flowers measuring 2 inches across, variety and brilliancy of color and profusion of bloom. It has been named because of the resemblance of the individual flowers to Gloxinias in their substance, form and variety of coloring. Sown early they come into flower in July and continue a blaze until frost. (See cut). Pkt 10.

PHYSALIS FRANCHETI

536 **Japanese Giant Winter Cherry**—A remarkably showy annual, of sturdy erect, branching habit, growing about 18 inches high. The branches are well covered with luxuriant green foliage, and studded with large, bright red cherry-like fruits, each enclosed in an enormous balloon-like semi-transparent calyx, about 3 inches long by 7 to 8 inches in circumference, at first of light green color, gradually changing as they mature, to yellow, then orange and finally to crimson. Pkt 10c, 3 for 25c.

POLEMONIUM

Ornamental hardy perennials, with beautiful sky-blue flowers in bunches.

537 **Ceruleum Grandiflorum**—2 ft. high. Pkt 5c.

538 **Pulcheillum**—1 ft. high. Pkt 5c.

PASSION FLOWERS

Splendid greenhouse or parlor climbers; some also for out-doors with curiously shaped flowers, the appendages of which are supposed to represent the passion of Jesus.

539 **Cerulea Grandiflora**—For greenhouse or parlor, flowers light blue. Pkt 10c.

540 **Macrantha**—For greenhouse or parlor; glossy leaves, large, deep rosy pink flowers. Pkt 20c.

541 **Incarnata** (Southern "May Pops")—Blossoms the first season from seed. Flowers 2 or 3 in. across, flesh white with purple rays, followed by yellow edible fruits. Pkt 10c.

PODOLEPIS

Half-hardy everlasting annuals, free flowering, fine for borders.

542 **Chrysantha**—1 ft., golden yellow. Pkt 5c.

543 **Superba**—Dark red. Pkt 5c.

POLYANTHUS

One of our earliest flowering, popular, hardy perennials, of low growth, particularly suited for edging borders; flowers in an astonishing and great variety of colors, in form of Auriculas.

544 **Goldlaced, Mixed**—The flowers have a clear, even margin or lacing of gold on a ground color, similarly well defined; extra choice mixed. Pkt 10c.

POLYGONUM

545 **Orientele**—A hardy, graceful, showy annual, 5 feet high; fit for shrubberies or the centre of borders; rosy crimson, drooping flowers; fine, light green, heart-shaped foliage. Pkt 5c.

SIMMERS' PHLOX DRUMMONDII

Improved Large Flowering Varieties

The various varieties of this flower are noted for extreme richness of color, profuseness of blossom, and length of duration of bloom. It is one of our finest annuals, and whether in clumps or masses looks equally beautiful. Hardy annual; 1½ feet.

546 **Grandiflora**—This strain of mixed, large flowering Phlox is noteworthy for variety and brilliancy of colors. Finest mixture; Pkt 5c, ¼ oz 20c, oz 60c.

	Pkt.
547 Discoidalis Grandiflora, Mixed —Larger and more numerous flowers	10
548 Delicata —Delicate rose, white centre	10
549 Black Warrior —Dark red, nearly black	10
550 Coccinea —Bright scarlet	10
551 Princess Royal —Light purple with white streaks, very brilliant	10
552 Isabel —Nankin Yellow	10
553 Leopoldi —Bright rose with white eyes	10
554 Washington —Violet purple, with blackish brown and white throat, beautiful	10
555 Quadricolor —Purple throat, violet eye, with a white and reddish lilac ring	10

556 Radowitzii —Rosy red, striped white	10
557 Rosea —Deep rose	10
558 White —Large flowering	10
559 William I. —Bright crimson, with stripes	10
560 STAR-SHAPED PHLOX —"Star of Quedlinburg." Flowers of regular star-like form. Plant of compact habit, large umbels of flowers; novel and beautiful; mixed colors	10
561 FRINGED PHLOX "FIMBRIATA" —A distinct variety; resembles the ordinary Phlox Drummondii; flowers bordered white, which with bright eyed centre picturesquely contrast with the magnificent velvety colors; more than 25 distinct colors	10

DWARF PHLOX

562 Dwarf Scarlet (Fireball) —Intense scarlet	10
563 Dwarf White (Snowball)	10
564 Dwarf Mixed	10

DOUBLE PHLOX

565 Double White —A profuse bloomer	10
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Phlox Drummondii, Large Flowering Pkt 5c.

566 Double Scarlet —With semi-double and double flowers; the trusses and individual flowers are equal in size to those of the dwarf compact varieties	10
COLLECTION —12 colors, annual Phlox	50
6 colors, annual Phlox	30
567 Perennial, Mixed, Decussata —Fine mixture	10

PORTULACA

One of the finest hardy annual plants, of easy culture. The flowers are of the richest shades of color, and are produced throughout the summer in great profusion; fine for massing in beds, edging or rock work; 6 inches.

568 Splendens —Single flowering, brilliant colors	5
569 Double Flowering —Choice mixture	10
Collection of six distinct and brilliant colors	30



Double Portulaca. Pkt 10c.

Simmers' Giant Pansies

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VALUABLE INFORMATION—on the Culture of Pansies will be found in our New Booklet "Hints on Growing Flowers," sent free if requested with every 50c order.

The term "Giant Pansies" does not adequately describe these new strains, for, aside from the large size which gives them their name, their colorings are simply superb, and their form and substance perfect. The parent of most of these strains, the Trimardeau, when first introduced had only size to recommend it, the flowers being limited in coloring, irregular in shape and lacking in firmness. By continued improvement one beautiful color after another has been added to the list, and perfected from season to season by careful culture. Through personal selection of the best European Pansy Cultures, we have again secured the cream of varieties from all quarters, combining with their giant proportions the most magnificent colorings.

- | | | | |
|---|--------|---|--------|
| 570 Giant Cassier —A mixture of well shaped flowers of gigantic dimensions, in choice variety, flowers marked with large blotches..... | Pkt 10 | 582 Simmers' Giant White "Snow Queen" —Most valuable addition as it reproduces exactly from seed. We very strongly recommend it not only for bouquets but as a very valuable addition to the Pansy family. White, velvet centre..... | Pkt 10 |
| 571 Giant Auricula Colors —Very beautiful shadings..... | 10 | 583 Giant Beaconsfield —Purple, shading to white. This strain, combined with the peculiar coloring of the type, will elicit general admiration..... | 10 |
| 572 Giant Emperor William —Rich ultramarine blue, purple-velvet eye..... | 10 | 584 Giant Copper Color —A most distinct and showy combination..... | 10 |
| 573 Giant Adonis —Beautiful light blue, marked with a yellowish-white lace and large dark blotches..... | 10 | 585 Giant Trimardeau —Flowers large, with a dark blotch on the three lower petals. We recommend this as the best low-priced mixture of Giant Pansies. ¼ oz 50c..... | 10 |
| 574 Giant Dark Blue | 10 | | |
| 575 Giant Fire King —Brilliant red and yellow..... | 10 | | |
| 576 Giant Violet Blue | 10 | | |
| 577 Giant Canary Bird —The ground color is a bright golden yellow, each petal marked with a large dark blotch..... | 10 | | |
| 578 Giant Striped —A beautiful mixture, flowers striped and mottled in various tints on contrasting grounds..... | 15 | | |
| 579 Giant Yellow or Golden Queen —Very showy color..... | 10 | | |
| 580 Giant Purple —Royal purple flowers, very large..... | 10 | | |
| 581 Giant Coal Black —Of immense size..... | 10 | | |

Giant Paris Market

587 The flowers of this strain are as large as the Trimardeau, and far superior in color and in substance of petals; the blotches are more conspicuous. Having a stout and stiff flower stem, the flowers last longer. Pkt 10c, 3 for 25c, ¼ oz 60c.

Giant Bugnot

588 The flowers are of enormous size, perfectly round, of great substance, and of the most varied and attractive markings and colors. Each petal bears a blotch veined to the edge; contains shades of red, bronze and reddish brown, not found in any other pansy mixture. Pkt 20c, ¼ oz 60c.

Giant "Butterfly"

A very distinct strain, which, after repeated trials we have found worthy. The flowers are very large, of good form and substance, and produce freely. In coloring they are varied, seldom two alike in a hundred plants. They are mottled and spotted, streaked, tigered and splashed, while the colors are mainly those rich wine reds, chocolate, velvety red-brown, lavender, violet, and purple shades, only found in a pansy blossom. We offer a selection made by us this summer from the original introducer's strain.

589 **Mixed Colors**.....Pkt 25c

Simmers' Giant Pansy Mixture

586 This mixture embraces, besides all the shades and colors, two special strains not listed elsewhere in this catalogue, and which can only be had in this, our Giant Pansy Mixture. This mixture includes the richest reds, coppers, and bronzes, together with the most delicate rose and pink shadings, all the distinct colors of Trimardeau, the splendid Cassier strain, with its delicate veining. We have secured the newest, richest and finest sorts. Pkt 15c, 2 for 25c, ¼ oz \$1.00.

One pkt each of Giant White, Giant Cassier, Giant Bugnot, Giant Yellow, Giant Striped, Giant Violet Blue, and Giant Copper Color, for **60c**

Simmers' Collection of Giant Pansies



Types of our Giant Striped Pansies and Giant Pansy Mixtures
 Per pkt 15c, or 2 for 25c, ¼ oz \$1.25.

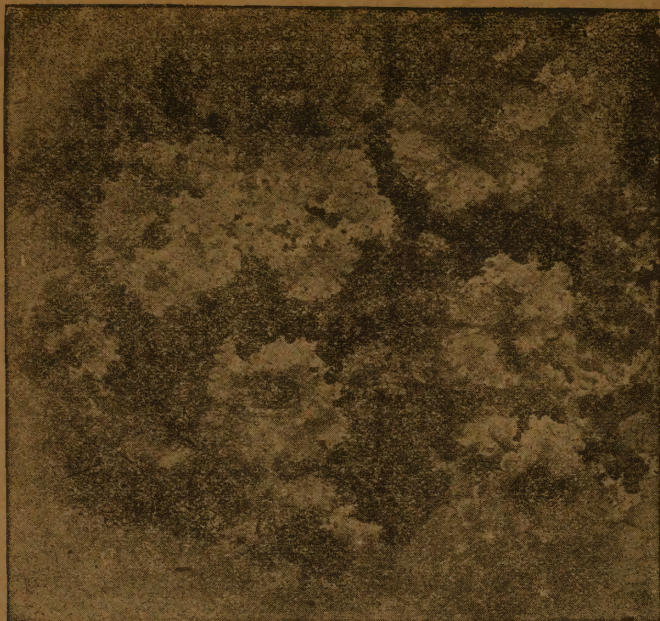
PREMIUM PANSIES

While the Giant-flowered Pansies are great favorites on account of the immense size of their flowers, **Simmers' Premium Pansies** excel in their endless variety of color, combined with perfection of form and velvety texture and substance of their petals. This strain, most celebrated all over Europe, is from a specialist who has devoted his life to the improvement of these flowers. No better strain of Pansies is to be had. It is impossible to describe them, as they embrace all colors and markings.

- | | | | | | |
|---|------------|---|--------|--|--------|
| 590 Simmers' Improved Large Flowering Premium Mixture —Embracing all varieties named in the following list and many other shades and colors, ¼ oz 60c..... | Per pkt 10 | 596 Dark Maroon —Golden margined..... | Pkt 10 | 602 Peacock —A very free blooming and attractive Pansy, flowering early, remaining in perfection a long time. Flowers very large with brilliant and novel coloring. The upper petals are royal purple, shot with peacock blue, lower petals also of these colors; this color has never been seen before in Pansies. The two lateral petals are rich maroon, all being encircled with a delicate tint of terra cotta rose..... | Pkt 10 |
| 591 Gold Margined | 10 | 597 Velvety Crimson —Golden yellow ground and margin..... | 10 | | |
| 592 Velvety Crimson Purple | 10 | 598 Reddish Brown | 10 | | |
| 593 Bronze Colored | 10 | 599 Pure Yellow —Fine for bedding..... | 10 | | |
| 594 White Margined —Purplish-crimson..... | 10 | 600 Cardinal Red | 10 | | |
| 595 Quadricolor or Pheasant's Eye —Flowers are of a reddish steel blue, with red and white edge..... | 10 | 601 Odier (Five Blotched Flowering) —A magnificent French variety, petals having a large blotch; clearly defined margin; many colors; extra large. ¼ oz 50c..... | 10 | | |

SIMMERS' PREMIUM PANSIES

Collection of 12 separate beautiful sorts 90c.
 Collection of 6 separate beautiful sorts 50c. Any three 25c.



Simmers' "Perfection" Extra Large Flowering Fringed Petunia. Pkt. 25c.

Petunias

Our Strains of Double and Single Petunias are the best obtainable.

603 Simmers' "Perfection" Extra Large Flowering Fringed Mixed—This strain bears grand substantial flowers of the largest size and the colors are indescribably rich and varied. They embrace all colors, from pure white to the darkest blue and deep red, while even flowers with a yellow tint are not unusual. Most of the flowers are beautifully fringed, while all are distinctly veined. In nearly every flower the throat is darker than the balance of the petals, imparting an appearance of great depth and substance. The foliage is remarkably heavy, and the large leaves are of a dark green color. Pkt 25c.

604 Single Scarlet-Fringed Petunia "Miranda"—It belongs to the large-flowering fringed section and in color is a brilliant rosy carmine, merging into scarlet in the throat. Pkt 15c.

605 Emperor—Very large, wide open blossoms, with colorings and markings very distinct from any other strain. The solid colors are particularly rich and velvety. Some of the crimson blossoms have pink stars, some pure white stars, others are distinctly striped. Pkt 15c, 2 pkts 25c.

606 Inimitable—Red, margined and blotched white. Pkt 15c.

607 White Large Flowering—Extra choice, large flowering, white, useful for cemetery work. Pkt 10c.

608 Extra Mottled Strain—Large flowering, mottled and striped. Pkt 10c, 1/2 oz 30c.



Simmers' Double Large Flowering Fringed Petunia. Pkt 50c.

DWARF COMPACT PETUNIAS

609 Dwarf Inimitable "Star Petunia"—Compact growing variety, flowers cherry-red with a white centre. Pkt 10c.

610 Snowball—Our illustration, which is a reproduction of a photograph, shows its dwarf, bushy habit, and also its abundance of bloom. Flowers purest white. Pkt 10c.

DOUBLE FLOWERING PETUNIAS

611 Simmers' Extra Double Large Flowering Fringed, Mixed—Our new selected types have deeper and finer fringe, brighter and more delicate colorings, of purer tones and greater variety than ever before offered. It is well known that the double Petunia, grown from seed, produces but a small percentage of double flowers. The balance in single flowers of the same rich shade. The weaker seedlings should be carefully selected, as these always produce double flowers. Pkt 50c.

612 Double "Snowball"—New double white. Pkt 50c.

613 Double Mixed—Seed from double flowers grown in pots. Pkt 25c.



Dwarf Compact Petunia "Snowball." Pkt 10c.

POPPIES

Most popular hardy annuals and perennials, with flowers of unusual brilliancy of color.

SINGLE ANNUAL VARIETIES

614 Tulip—A magnificent species; the plants grow about 14 inches high and produce from 50 to 60 large and splendid flowers of the most dazzling scarlet. Pkt 10c.

615 Persian (*Papaver Lævigatum*)—Color brilliant scarlet, with shining black spots surrounded by a clearly defined white margin at the base of each petal. Height 2 1/2 feet. Pkt 10c, 3 for 25c.

616 Peacock—The most striking feature of the flower is the conspicuous glossy zone which marks the petals, forming a complete ring. Pkt 5c.

617 "Danebrog" or Maltese Cross—The flowers are of a dazzling scarlet color, each of the four petals is marked with a large, silvery-white blotch, forming a white cross upon scarlet ground. Pkt 10c.

618 Shirley—These charming Poppies are generally single or semi-double. They range in color from pure white through the most delicate shades of pale pink, rose and carmine to the deepest crimson. Pkt 10c.

DOUBLE ANNUAL VARIETIES

619 The Mikado (American Flag)—The petals are whole at the base, while the edges are frilled in the most pleasing manner. The flowers are of a pure white at the back, while the fringed edges are of a brilliant scarlet. Pkt 5c.

620 Double French or Carnation Flowered—3 feet high, double. Pkt 5c, oz 25c.

621 Pæony Flowered—Flowers in colors and size equal to Pæonies. Pkt 5c, oz 25c.

622 White Swan or Fairy Blush—18 inches high, enormous pure white double flowers. Pkt 10c, 3 pkts 25c.

623 Golden Gate—Exceedingly free blooming; the flowers single, semi-double and double, of medium size in the largest variety of colors imaginable. Pkt 10c, 3 for 25c.

624 SIMMERS' "SPECIAL" POPPY MIXTURE—Comprises not only all the above named and described Poppies, but also a number of other sorts, specially purchased for this mixture, including some entirely new ones. Will make a grand display. Pkt 10c, 3 for 25c, 1/2 oz 40c.

COLLECTION—12 varieties, double and single, 30c.



Shirly Poppy. Pkt 10c.

HARDY PERENNIAL VARIETIES

625 Iceland (*Papaver nudicaule*)—These beautiful perennial Poppies produce flowers in great abundance the first year from seed. The colors range from the purest white and yellow to the deepest glowing orange scarlet, and have a delicious fragrance.

626 Iceland—White. Pkt 10c.

628 Iceland—Yellow. Pkt 10c.

627 Iceland—Orange. Pkt 10c.

629 Mixed—Pkt 10c.

630 Oriental Hybrids (*Oriental Poppy*)—The colors range from soft flesh and rose to the most dazzling scarlet and richest maroon purple. The flowers are often 6 inches across and endure the longest of any poppy we know. They are hardy perennials and will increase in size and profusion of bloom with age. Pkt 10c.

631 The Great White California Poppy (*Romneya Coulteri*)—This fine perennial is of stately beauty as an out-door plant, flowering from July until November. Flowers are large, 4 to 5 inches across, pure white with a fine bunch of yellow stamens. The plants attain a height of 6 to 8 feet, and are really magnificent. Pkt 10c.



Chinese Primrose. Pkt 25c.

CHINESE PRIMROSE

For parlor culture as well as for the greenhouse no plant is more acceptable than this class, as it can be made to yield an abundance of flowers all the year round. We procure every year the choicest varieties from one of the best and most celebrated growers in Europe.

632 **CHINESE PRIMROSE MIXED**—The culture of these lovely flowers is much easier than most people think. Our mixture includes only the choicest colors of the single flowering Primulas in all their dainty shades. Pkt 25c.

633 **Erecta Superba**—White fringed, in bunches borne well above the foliage. Pkt 25c.

634 **Kermesina Splendens**—Deep pink, fringed. Pkt 25c.

635 **Snow Queen**—A distinct and beautiful variety of Primrose with the finest pure white flowers of large size, thrown well above the foliage. The flowers are of good substance and elegant form. Pkt 35c.

636 **Carter's Holborn Blue**—A distinct variety, with azure-blue flowers borne above the foliage. Pkt 25c.

637 **Fern-Leaved (Macrophylla Fimbriata)**—With long, massive fern-like foliage and beautiful flowers of great substance and elegant form, finely fringed, great variety of colors, mixed. Pkt 25c.

638 **Punctata Elegantissima**—Crimson, spotted white. Pkt 25c.

639 **WILLIAMS' PRIZE**—Dark red, large fringed flowering; extra fine for pots. Pkt 25c.

640 **Chiswick Perfection Red or Magenta Queen**—Large brilliant scarlet. Pkt 25c.

641 **Alba Magnifica**—The finest pure white variety grown; flowers 2½ inches across with large yellow eye. Pkt 25c.

642 **Erecta Superba, Double White**—Double flowering variety of No 619; reproduces well from seed. Pkt 50c.

643 **Double Mixed**—Pkt 50c.

HARDY PRIMROSES

The popular garden Primrose is one of our earliest flowering hardy perennials, well suited for edging, and in a great variety of colors.

644 **Vulgaris**—The old-fashioned common yellow primrose. Pkt 10c.

645 **Japonica (Japanese Primrose)**—Of robust growth, rich magenta flowers. Pkt 10c.

646 **Cortusoides (Siberian Primrose)**—An early rose-purple flowering hardy perennial. Pkt 10c.

VARIOUS PRIMULAS

647 **Obconica Grandiflora**, new large flowering *Ever-blooming Primrose*—One of the most useful plants grown, if sown early in spring will begin to bloom in May or June, and continue throughout the year, flowers soft lilac shade. Pkt 10c.

648 **Floribunda**—One of the prettiest and best Primroses, same general character as P. Obconica, only a lovely shade of primrose yellow. Fragrant, free blooming. Pkt 10c.

649 **Primula Forbesi or Baby Primrose**—The seed comes up very readily, and the little plants throw up tiny flower stalks when only a few weeks old. These, however, should be pinched off, and the plants kept growing until October, when the flowers may be allowed to develop, and from then until late in spring they produce their sprays of beautiful rosy-lilac flowers in seemingly never-ending profusion. Pkt 10c.



Primula Forbesi. Pkt 10c.



Primula Obconica Grandiflora. Pkt 10c.

PYRETHRUM (Feverfew)

YELLOW FOLIAGE SORTS FOR BEDDING



Pyrethrum or Golden Feather. Pkt 10c.

650 **Parthenifolium Aureum**—Golden yellow dwarf, bedding plant known as **Golden Feather**. Pkt 10c.

651 **GOLDEN GEM**—The double flowering variety of the preceding. Pkt 10c.

652 **Selaginoides**—A beautiful fern-like foliage. Pkt 10c.

PYRETHRUM PERENNIAL SORTS

653 **Hybridum**—Large flowering single mixed. Hardy perennial, bearing large Aster-shaped flowers, ranging in color from light pink to deep red, with bright yellow centres; 2 feet. Pkt 10c.

654 **Hybridum, fl. pl.**—Large flowering double mixed. Beautiful colors; mixed; 1½ feet. Pkt 25c.

ROSES

655 **Dwarf Polyantha or Fairy Rose**—Roses from seed the first year, so that seed sown in February in the house may be had in bloom in June in the open ground, where they *continue to bloom throughout the season*. The plants are dwarf and bushy, growing only about 1 foot high and very pretty for solid beds and borders. Pkt 10c, 3 for 25.

656 **Mixed Hybrids**—The seed we offer is from the best mixture of hybrid perpetual and moss roses, will flower the second year. Pkt 10c.

RHODANTHE

One of the neatest of the genus of flowering half hardy annual everlasting; of low growth, in different shades of bright pink and white, with yellow disc.

657 **Maculata**—1 foot, deep carmine. Pkt 10c.

658 **Alba**—Pure white. Pkt 10c.

659 **Astrosanguinea**—Dwarf, purplish crimson. Pkt 10.

RUDBECKIA

(Texas cone flower)

660 **Bicolor Superba**—A hardy annual of compact branching growth, producing flowers about 3 inches in diameter, of a bright yellow, red and blackish purple disc; height of plant about 1½ feet. Pkt 10c.



Dwarf Polyantha or Fairy Rose. Pkt 10c.

SALPIGLOSSIS

(Painted Tube Tongue)

One of the most beautiful of flowering annuals; the flowers are large, of many beautiful colors, and exquisitely veined and laced; $1\frac{1}{2}$ feet high.

661 **Mixed**—Large flowering. Pkt 10c.

662 **Emperor**—A new type of this gloriously beautiful garden annual, growing in upright columnar form, having only one strong main stem, about 30 inches high which is well furnished with large petunia-shaped flowers, 3 to 4 inches across, of various colors, all of which are intricately netted and veined with golden yellow. Mixed colors. Pkt 10c.



Salpiglossis Emperor
Pkt 10c.

SEDUM (Stone Crop)

663 **Mixed**—Pretty little plants, growing freely on rock or rustic work, also on ornamental mounds, where they flower in great profusion; hardy annuals. Pkt 10c.



Salpiglossis Mixed. Pkt 10c.

SALVIA (Flowering Sage)

Magnificent half-hardy annual, biennial or perennial; some also greenhouse or indoor plants.

664 **Salvia Splendens** (*Large Flowering Scarlet Sage*)—One of the most gorgeous of annuals, blooming throughout the summer and fall. The plants grow from $1\frac{1}{2}$ to 3 feet in height and form dense bushes, completely covered with showy sprays of most dazzling scarlet flowers. Pkt 10c.

665 **Salvia, Clara Bedman** (*Bonfire*)—The plants form handsome globular bushes about 2 feet high by 2 feet in diameter. The spikes grow erect and stand clear above the foliage, completely covering the plant, and are of the most brilliant dazzling scarlet. Pkt 10c, 3 pkts 25c.

666 **Coccinea**—1 foot high, scarlet flowers, annual. Pkt 5c.

667 **Farinacea**—3 feet, showing long spikes of blue flowers; annual. Pkt 10c.

668 **Patens**—2 feet high, biennial, in flowers of purest sky-blue imaginable. Pkt 10c.

669 **Dwarf Salvia or "Burning Bush"**—A splendid sort, blooming about two months before the old variety and lasting until late in the fall. The plants are dwarfer and more compact in habit, while the flowers are of the brightest scarlet. Pkt 10c.

670 **Argentea**—2 feet high, silver leaves, blue flowers, beautiful perennial. Pkt 10c.

SAPONARIA (Bouncing Bet)

Hardy, free-flowering annual or perennial plants of easy culture and different growth, the most of them being of trailing habits and suitable for edging work or small beds.

671 **Mixed**—All colors, 5 inches. Pkt 10c.



Salvia, Clara Bedman (Bonfire). Pkt 10c.



Schizanthus. Pkt 10c.

SANVITALIA

672 **Procumbens**, fl. pl.—Beautiful trailing annual, well adapted from its compact growth for covering beds in the flower garden; the double flowers are large in proportion to the plant; of rich brown and yellow. Pkt 10c.

SAXIFRAGA

673 **Hueti**—Hardy perennial of trailing habit, with yellow flowers; for shady places, rockeries or hanging baskets, flowering abundantly and constantly. Pkt 10c.

SCABIOSA

(*Mourning Bride or Sweet Scabious*.)

The Mourning Bride or "Sweet Scabious" of our old gardens, but much improved in size, colors and doubleness. They are very free bloomers, the colors white, carmine, lilac, maroon, etc. Excellent for bouquets.

674 **Snowball**—The flowers of this pretty Scabiosa are large, measuring fully 2 inches in diameter, of purest snow-white, very double. The stems are very stiff and strong, and the foliage a luxuriant green. If plants are potted in the fall, they will furnish pure white flowers until Christmas. Pkt 10c, 3 for 25c.

675 **Golden Yellow**—This color has long been desired in the Scabiosa family, and is now obtained after years of selection. The flowers are double and of a pure yellow color. Pkt 10c.

676 **Tall Double Large Flowered Mixed**—All colors mixed. Pkt 5c.

677 **Dwarf Mixed**—All colors, 1 foot high; large flowers and robust in growth. Pkt 5c.

678 **Caucasica**—One of the handsomest of hardy perennials, especially valuable for cutting, the blooms lasting a long time in water; lilac blue, 3 feet. Pkt 10c.

679 **Scarlet Runners**—Pkt 5c.

SCHIZANTHUS

(*Butterfly Flower*)

Few plants are more attractive than these when well grown, whether in pots or in the border; they are of a branching elegant habit, well covered with peculiar-shaped flowers; hardy annual.

680 **Fine Mixed**—2 feet high, flowers orange and carmine shaded, spotted with yellow, resembling a small butterfly. Pkt 5c.

SEA LAVENDER

(*Everlasting Statice*)

681 **Statice Bonduelli**—1 foot, bright yellow. Pkt 10c.

SENECIO (Jacobæa)

682 **Elegans**—Double mixed. Valuable hardy annuals, compact, bushy in growth, 1 foot high; adapted for bedding or indoor culture, producing multitudes of tassel-shaped small flowers. Pkt 5c.

SENSITIVE PLANT (Touch Me Not)

A tender annual, half trailing, 1 foot high, with very curious leaves; very curious and interesting plants, the leaves closing if touched or shaken. Of very easy culture, succeeding in any soil.

683 **Mimosa Pudica**—Pkt 5c.

SILENE

Elegant dwarf, bushy annuals, bearing a profusion of bright, attractive flowers through spring and summer. Admirable for beds, margins, rock work.

684 **Pendula Ruberrima**—Carmine rose flowers. Pkt 5c.

685 **Ruberrima**, fl. pl.—Double flowering variety of the preceding. Pkt 10c.

SMILAX

A splendid perennial; greenhouse or parlor climber.

686 **Medeola Asparagoides**—Pkt 10c, oz 50c.

Snapdragon—(See Antirrhinum).

SOLANUM

Very elegant, highly ornamental, interesting genus of fruit-bearing plants.

687 **Marginatum**—3 feet high, leaves white-edged and veined. Pkt 15c.

688 **Capsicastrum Little Gem or Jerusalem Cherry**—2 ft. high, scarlet berries like cherries, beautiful for parlor. Pkt 10c.

STEVIA

689 **Serrata White**—For pot culture or the border; half-hardy perennial. Pkt 10c.

Sweet William (See Dianthus).



Sanvitalia Procumbens,
fl. pl. Pkt 10c.



Sweet Scabious or Mourning Bride. Pkt 5c.



SIMMERS' SWEET PEAS

Large Flowering

An ounce of Sweet Peas contains about 300 seeds, enough to sow a single row 25 feet long.
Our packets of all are liberal, containing 75 seeds, enough to sow a single row 6 feet long.



Extra Early
"Blanche Ferry"

OUR MIXTURES

690 SIMMERS' GIANT "GILT EDGE" MIXTURE—This mixture of Sweet Peas, is undoubtedly the finest we have ever offered. It contains only grand new named varieties of large flowering type, the seed of which has been grown separately from selected stock, and only the *largest-flowered*, most beautiful new Sweet Peas have been selected and mixed by ourselves. We have maintained a similar high standard throughout, and can assure all lovers of Sweet Peas that never before has it been possible to obtain only the best and all the best of the new large flowering Sweet Peas as in this unequalled mixture. Pkt 10c, oz 15c, 2 oz 25c, lb 30c, per lb \$1.00.

691 Ekford's Mixture—This mixture is made up from thirty varieties. Pkt 5c, oz 10c, 1 lb 15c, 5 lb 50c, postpaid. Price by express, 5 lbs \$2.25, 10 lbs \$4.00.

692 Finest Mixed—This strain contains a beautiful assortment. Pkt 5c, oz 10c, 1 lb 15c, 5 lb 40c.

693 All Colors, Mixed—Pkt 5c, 1 lb 10c, lb 30c.

694 White and Primrose Shades—Mixed.

695 Shades of Blue and Mauve—Mixed.

696 Striped, Flaked and Clouded—Mixed.

697 Scarlet, Magenta, Claret, Maroon—Mixed.

698 Rose and Pink Shades—Mixed.

Any of the above—Pkt 5c, oz 10c, 1 lb 20c, lb 60c.

699 Admiration—Delicate rosy lavender.

700 America—Cardinal stripe on white ground.

701 Blanche Burpee—Pure white.

702 California—Most delicate pink.

703 Captain of the Blues—Dark blue, netted with purple.

704 Captivation—Rosy-purple self.

705 Coquette—Primrose, shaded lavender.

706 Countess of Radnor—Delicate lavender and mauve, lovely variety.

707 Countess of Aberdeen—White, marbled with pale pink.

708 Countess Cadogan—Standards shining violet, overlaid with a light sky-blue, wing a pure sky-blue.

709 Crown Jewel—Pale standard, tinted and veined with violet rose.

Price of Named Varieties, except where noted—Pkt 5c, oz 10c, 1-4 lb 25c.

Customers' selection of any seven 5c packages for 25c. Any twelve packages for 40c.

710 Daybreak—Watered crimson, scarlet on white ground.

711 Duchess of Sutherland—Pearl white, delicately suffused with light pink.

712 Duke of Sutherland—Deep claret standard, wings deep indigo-blue.

713 Duke of Westminster—Deep rose-maroon, with bright violet.

714 Earliest of All—Pink and white.

715 Emily Henderson—Purest white.

716 Emily Lynch—Pink, suffused primrose.

717 Extra Early Blanche Ferry—Pink and white.

718 Facination—New magenta mauve.

719 Hon. F. Bouverie—Coral-pink, wings slightly lighter.

720 Juanita, or Striped Celestial—Pure white delicately lined with pale lavender.

721 Lady Nina Balfour—Mauve, suffused with heliotrope pink.

722 Lady Mary Curry—Deep orange-pink, delicately shaded rosy lilac.

723 Lady Skelmersdale—Rosy-lilac, wings white, shaded rosy lilac.

724 Lord Kenyon—Rose magenta, self color.

725 Lottie Eckford—Lavender, shaded pink and white.

726 Lottie Hutchins—Daintily flaked with pink on a cream ground.

727 Lovely—Soft shell pink.

728 Maid of Honor, or Improved Butterfly—White ground, edged light blue.

729 Modesty—Most delicate pink.

730 Mort Blane—Earliest white.

731 Mrs. Eckford—Beautiful shaded primrose yellow.

732 Mrs. Dugdale—Lovely rose, shaded rich primrose.

733 Mrs. Jos. Chamberlain—Rose, pink and white striped.

734 Mrs. Sankey (black seeded)—Large, bold flower, pure white, faintly flushed.

735 Navy Blue—A true blue.

736 Oddity—Pale carmine, edged rose.

737 Oriental—Of a rich orange cast.

738 Othello—Dark brown, chocolate red.

739 Pink Friar—Carmine rose suffused on silvery white.

740 Prima Donna—Lovely shade of soft pink.

741 Princess Beatrice—Warm blush pink.

742 Prince Edward of York—Cherry rose.

743 Prince of Wales—Bright rose.

744 Princess of Wales—Standards striped white and blue, wings heliotrope and white.

745 Queen Victoria—Cream, suffused purple.

746 Ramona—Creamy white, splashed pink.

747 Royal Rose—Deep rosy pink.

748 Sadie Burpee—White, extra large flowers.

749 Salopian—Best of the deep crimsons.

750 Sensation—Paper white with a flesh tinge.

751 Shahzada—Purplish maroon, wings indigo.

752 Stanley—Rich dark maroon.

753 Stella Morse—Yellow, becoming a little lighter as the flower grows older.

DOUBLE SWEET PEAS

At best these are really semi-double flowers. The best mixtures we have will not produce more than half doubles, the others remaining of the usual single type.

754 Mixed—A mixture of 11 named varieties. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 25c.



Cupid Sweet Pea

DWARF OR CUPID SWEET PEAS

755 White Cupid—Dwarf white.

756 Pink Cupid—Pink and white.

757 Beauty Cupid—Decided rose color.

758 Alice Eckford Cupid—Rich cream tinted standards, white wings.

759 Primrose Cupid—Creamy.

760 Boreatton Cupid—Rich purple.

761 Royalty Cupid—Beautiful self colored pink.

762 Extra Early Blanche Ferry Cupid—Pink and white.

763 Countess of Radnor Cupid—Delicate lavender.

764 Firefly Cupid—Scarlet.

765 Mixed Cupids.

Any of the above—Pkt 5c, any six pks 25c, oz 15c.

BUSH SWEET PEAS

The bush Sweet Pea grows in perfect bush form, as shown in the illustration. It requires no trellis like the tall Sweet Peas. An average bush grows 16 to 18 inches high by from 12 to 14 inches wide.

766 Bush Senator—Silver gray, striped claret.

767 Bush Blanche Ferry—Pink and white.

768 Bush Prima Donna—Lovely soft pink.

769 Bush Gray Friar—Lavender purple, on a silver white ground.

770 Bush Monarch—Claret or wine brown.

771 Bush Varieties Mixed.

Price of any of the above—Pkt 5c, oz 15c, 2 oz 25c, 1 packet each of five bush varieties 20c.

PERENNIAL SWEET PEAS

Showy free-flowering plants for covering old stumps, fences, etc.; 5 feet.

772 Pink Beauty—Charming rose pink. Pkt 10c

773 Lathyrus Latifolius—The old favorite red variety. Per pkt 10c

774 Latifolius Albus—Large clusters, pure white; grand, hardy low climber.



Bush Sweet Peas

STOCKS (GILLY FLOWER)

These old-fashioned flowers are much liked for their peculiarly pleasant perfume and bright colors. For early flowering, sow in the house in February or March, and plant in the open ground in May, when danger of frost is over. Nine to eighteen inches high, half hardy annual.

Large Flowering Globe Pyramidal Ten Weeks Stock—A magnificent race, with immense spikes of perfectly double flowers, the individual blooms frequently measuring from *two to two and a half inches in diameter*. The large double flowers are produced in great profusion, the spikes being compactly pyramidal in shape, and the plants of neat habit of growth. We offer the following colors:

775 Crimson	10	778 Pure White	10
776 Light Blue	10	779 Bright Pink	10
777 Purple	10	780 Mixed	10



German Ten Weeks Pyramidal Globe Stocks

781 Improved Ten-Week "Snow-flake"—The earliest white Ten-Week Stock in cultivation, resembling in habit the Dwarf Pyramidal race. It produces a vigorous main spike of extremely large and double snow-white flowers. Pkt 10c.

782 "Cut and Come Again," or Princess Alice—Produces all season pure white double flowers. It throws out numbers of side branches, each of which bears a cluster of blossoms. A splendid Stock for cutting, and quite fragrant. Pkt 10c.

783 "Pillar of Snow"—A superb variety producing a grand central spike of beautiful pure white flowers, the plant afterwards branching. If potted up will bloom splendidly under glass in winter. Pkt 10c, 3 for 25c.

784 East Lothian—Pure white, in valuable for florists. Pkt 10c.

785 Dwarf, Brilliant Deep Blood Red (Victoria)—Beautiful pyramidal shape, the lateral branches being symmetrically arranged. Pkt 10c.

786 Shrubby, or Cockade Double—Winter flowering, bright red. Pkt 10c.

787 Giant Emperor, or Perpetual—These make very bushy and branching plants, with an abundance of flower. Sow in July or August, and they will bloom in winter. Many colors in the finest mixture. Pkt 10c.

788 Giant Emperor White—For florists' use; very fine. Pkt 10c.

789 Brompton—Half-hardy biennial bushy plants, producing a beautiful display of double flowers, mixed colors, 2 feet high. Pkt 10c.

COLLECTION OF STOCKS

Large, Pyramidal Double Ten Weeks —12 colors.....	Pkt 50
Large Pyramidal Double —6 distinct colors.....	30
East Lothian, Double, Large Flowered —6 distinct colors.....	30
Giant Emperor, Double —Winter flowering, 6 very fine colors.....	40

SWAINSONIA GRANDIFLORA ALBA

800 A very popular plant for house culture. Foliage as graceful as an Acacia; flowers pure white, produced in sprays of 12 to 20 flowers each, and resembling Sweet Peas. It is of the easiest culture and ever-blooming. It climbs readily and is splendid for the window garden, or it may be grown as a bush plant by trimming it back as it grows; tender perennial, 1 to 4 feet. Pkt 10c.

THUNBERGIA

801 Alata—A half-hardy, low climbing annual, flowers somewhat the shape of a Morning Glory, bright yellow or deep buff, with a large black centre. Mixed, all colors. Pkt 10c.

TAGETES SIGNATA PUMILA

802 Dwarf annual, flowering in profusion throughout summer and autumn; color bright yellow; very effective in low beds. 1 foot. Pkt 5c.

TUNICA

803 Saxafraga—Very neat, dwarf-trailing, hardy perennial, covered with pretty white flowers, good for edging. Pkt 5c.



Vinca

VERBENA



Simmers' Mammoth Verbenas. Pkt 10c.

790 Grandiflora Mammoth Strain—This distinct and superior class of Verbenas is a remarkable improvement on the older varieties. It produces flowers of an enormous size, the florets being fully one inch in diameter, with clearly defined margins and white eyes. Very choice mixed. Pkt 10c, 3 pkts 25c, 1/2 oz 50c.

791 Mammoth Blue. Pkt 10c.

792 Mammoth Scarlet Defiance—Brightest scarlet. Pkt 10c, 1/2 oz 75c.

793 Mammoth Pure White "Snowball"—A fine strain of large flowering. Pkt 10c, 1/2 oz 75c.

794 Mammoth Auricula—Splendid colors, with large white eye. Pkt 10c.

795 Yellow Leaved (Golden Bedder)—A golden yellow foliage, which forms a striking contrast to the deep crimson flowers. Pkt 10c.

796 Venosa, Purple—Producing an abundance of flowers. Good bedder. Pkt 10c.

797 Erinoides (Moss Verbena)—Purplish-blue blossoms in lavish profusion; comes into flower in June and continues incessantly until November. For beds, baskets, or rockeries it is highly desirable. Pkt 10c.

798 Citriodora (Lemon-scented Verbena)—The leaves are delightfully fragrant and refreshing. Grows easy from seed Pkt 10c.

TOM THUMB VERBENA

(Verbena Hybrida Compacta)

799 Of exceedingly dwarf, compact growth, six inches in height, and spread so as to form almost circular bushes about two feet in diameter. Mixed colors. Pkt 10c.

TORENIA

For hanging baskets or culture in pots it is unsurpassed and in summer its brilliancy adds a pleasing variety to outdoor decorations. Tender annual.

804 Fournieri, or Edentula—Sky-blue flowers, indigo blue spots, yellow throat, free bloomer. 10c.

805 Bailloni—Golden yellow with dark throat, distinct. Pkt 10c.

806 "White Wings"—Attractive, pure white, flushed rose. Pkt 15c.

VENUS' LOOKING GLASS

807 Campanula Speculum—A free-flowering, pretty little plant, adapted for beds or rock work, ribbons or edgings. The plants form a small spreading mass about 9 inches high; blue. Pkt 5c.

VERONICA

808 Early flowering, hardy perennials, mixed Pkt 10c.

VINCA

(Periwinkle, or Creeping Myrtle)

809 Rosea—Rosy flowers, glossy oval-shaped leaves. Pkt 10c.

810 Alba—White flowering. Pkt 10c.

Violet 811 *Odorata Semperflorens* (Single Ever-flowering Violets) The "Sweet English Violet," prized for its delicate odor, 6 inches high. Pkt 5c.

Virginian Stock Hardy, low-growing, profuse flowering annuals, for hedges, small beds, or pot culture.

812 *Cheiranthus Maritimus*—Mixed. Pkt 5c.

Viscaria 813 *Hybrida*—Pretty, profuse flowering, hardy, low growing annuals of easy culture in any soil. Mixed colors. Pkt 5c.

Waitzia 814 *Grandiflora*—Half-hardy, ever-lasting annuals, 6 inches high, large yellow flowers. Pkt 10c.



Wallflower—Double Mixed. Pkt 10c.

Wallflower The flowers of the Wallflower are deliciously fragrant and greatly prized; the large, massive, conspicuous spikes of the double German varieties have a charming effect, while the more bushy, compact growth and profuse blooming of the single ones render them exceedingly attractive. hh. p.

815 *Double Branching*—Mixed. Pkt 10c.

816 *Harbinger*—Rich, blood red, 1 foot. Pkt 5c.

817 *Single*—Mixed. Pkt 5c.

818 *Single Annual*—This variety will flower throughout the summer and fall, from seed sown in the spring. Pkt 10c.

Whitlavia 819 *Grandiflora*—Mixed, free-flowering, hardy annuals, 18 in. high, bell shaped flowers, 1 inch long, violet blue and white. Pkt 5c.

ZINNIA

Youth and Old Age.

The Double Zinnia with its flowers large and beautifully formed are exceedingly handsome. Few plants in the flower border are more effective; and scarcely any flower, when cut, is more suitable for table bouquets. Being of rather robust habit, it requires but moderately rich soil; the seed may be sown in the open ground or indoors, according to the time it is desired to flower; half-hardy annual.

820 *Elegans* Mixed. Pkt 10c.

821 *Scarlet*—Double, fiery scarlet flowers. Pkt 5c.

822 *White*—Pkt 5c.

823 *Sulphur Yellow*—Golden yellow flowers, large perfect shape. Pkt 5c.

824 *Double Curled and Crested*—Large double flower of perfect form, the petals being twisted, curled and crested into the most fantastic and graceful forms. The colors comprise all the shades characteristic of the Zinnia. Pkt 10c, 3 pkts 25c.

825 *Pompone or Lilliput Flowered, Mixed*—Dwarf, double, distinct; long cone shape, beautiful; flowers perfect in shape, the colors of which are exceedingly bright and showy; mixed. Pkt 10c.

826 *Haageana, fl. pl. (Mexican Zinnia)*—A splendid double variety; flowers deep orange, keeping its color when dried as a winter flower. Pkt 5c.

827 *Zebra*—The flowers of this selection are perfect in shape, of all colors and are beautifully striped, spotted and blotched with different shades. Plants symmetrical and compact, about 2 feet high; mixed colors. Pkt 10c.

See also Collection Double Zinnias, 6 varieties, page 44.



Wild Cucumber Vine

WILD CUCUMBER VINE

828 This is the **quickest growing climber** in our list. It will grow 30 feet in one season, has dense graceful foliage which is thickly dotted over with pretty white, fragrant flowers. These in turn are followed by an abundance of small, ornamental and prickly seed pods. Once planted, this vine seeds itself and comes up every year. Pkt 5c, oz 25c, 2 oz 35c, 1 lb 50c.

WICANDIA

Grand and magnificent plant, with stupendous leaves richly veined, and stems covered with crimson hair. Of rapid growth and splendid habit. It forms one of the finest objects among ornamental foliage plants to impart a tropical aspect to a garden or conservatory decoration; hh.p.

829 *Caracasana*—Pkt 10c.

ZEAL (Ornamental Maize)

Compact in habit, very long and drooping leaves, elegantly striped; a very effective plant, especially in groups and masses.

830 *Japanica Variegata*—Pkt 5c.

XERANTHEMUM

831 *Annum*—Double white. Pkt 5c.

832 *Imperiale*—Double dark violet purple. Pkt 10c.

833 *Superbissimum, fl. pl.*—Distinct double. Pkt 10c.

SPECIAL MIXTURES OF FLOWER SEEDS

Many persons derive pleasure from watching the growth of a varied bed of flowers, entirely out of the usual trim garden style, while others desire a much more extended collection than their means will permit. To both of these the following mixtures will appeal.

PACKET

834 Flowers for Bouquets.....	10c.
835 Low-Growing Annuals.....	10
836 Tall-Growing Annuals.....	10
837 Mixture of Fragrant Annuals.....	10
838 Mixture of Foliage Plants.....	10
839 Mixture of Climbers.....	10
840 Mixture of Evening Bloomers.....	10
841 Everlasting and Ornamental Grasses.....	10
842 Biennials and Perennials.....	10

843 *Mixed Annuals*—The mixed flower seeds embrace more than a hundred varieties of such easy-growing and pretty flowers as are suitable for forming a wild flower-garden. They are very useful for woodland walks, roadsides, and for sowing alongside of fences and on any untidy bare spots of ground which are frequently unsightly, and which, if properly cared for and kept free from weeds, can be made to produce a continual display of bloom during the summer. Oz 25c, 1 lb 75c, 1b \$2.50.

OUR CHILDREN'S FLOWER GARDEN

844 Nothing appeals so to a young fancy as bright colors and beauty of form, and the influence on the mind when in its most receptive state, of a constant association with nature and its beauties, will be found to create beneficial impressions lasting a lifetime. With a small expense of labor, the Kindergarten can be transformed into a delightfully attractive spot, and form the most instructive of school-rooms and the happiest of playgrounds. This mixture embraces over 100 sorts of easy-growing flowers. Pkt 5c, 1 oz 10c, oz 15c, 1 lb 35c, 1b \$1.00.



FERN BALLS

845 They arrive from Japan in January. The roots are twisted and worked together in a ball shape about eight inches in diameter. The fresh young leaves soon sprout out and form a solid mass of fronds completely covering the ball (see illustration), forming a ball of fern leaves 15 to 18 inches in diameter when fully developed. These Fern Balls do well hanging in a window where not too much sun reaches them. Keep the ball moist by dipping it occasionally in a pail of water. Large size, 50c, small size 30c, postpaid.



Fern Ball—in Leaf

Tuberous Rooted Begonias

These are certainly grand summer blooming plants for beds, whether singly or in masses. As pot plants they are also unequalled with their many varied colors of white, yellow, pink, scarlet and red—great waxy flowers measuring from three to six inches across. The double-flowering sorts resemble beautiful roses. Plant out in May, a foot or so apart, one inch deep, and well watered at all times. Take up on the approach of cold weather. For growing in pots start at any time after January.

Giant Single Varieties—Separate colors, White, Scarlet, Pink and Yellow. Each 10c, doz \$1.00, 25 for \$1.50, 100 for \$5.50.

Giant Single Mixed—Each 10c, 4 for 30c, doz 75c, 25 for \$1.35, 100 for \$5.00.

Giant Double Varieties—Separate colors, White, Rose, Scarlet and yellow. Each 15c, 4 for 50c, doz \$1.50, 25 for \$2.75, 100 for \$10.00.

Giant Double Mixed—Each 12c, 4 for 45c, doz \$1.30, 25 for \$2.50, 100 for \$9.00.

SPECIAL OFFER One bulb each color of **Single** White, Red, Pink and Yellow for 35c. One bulb each color of **Double** White, Rose, Scarlet and Yellow for 60c.

TUBEROUS ROOTED DUKE ZEPPELIN BEGONIA

A most useful and attractive variety that should soon become a favorite for bedding, possessing the great advantage over other tuberous-rooted Begonias of delighting in full sunshine. It is of dwarf habit, growing from 6 to 8 inches high, throwing up well above the foliage numberless stems bearing full, double dazzling scarlet

flowers, giving the whole plant a brightness, grace and elegance difficult to describe. A bed containing about 500 plants of this variety, for gorgeous effect, eclipsed anything we ever saw. Strong bulbs 25c each, \$2.50 per doz.

APIOS TUBEROSA Its clusters of rich, deep purple flowers have a strong, delicious violet fragrance. They grow to a great height and bloom profusely. The bulbs are hardy and need not be taken up. Each 5c, doz 50c.

CYCLOBOTHRA FLAVA The habit of plant and bloom is similar to *Bessera*; the color is clear, golden yellow, with intense black spot on each petal. Each 10c, 3 for 25c, 90c per doz.

CHLIDANTHUS FRAGRANS The large flowers, which are borne in dense clusters during the months of July and August, are of a deep canary yellow color and extremely fragrant. Each 10c, 75c doz.

CINNAMON VINE

(*Dioscorea Batatas*)

A rapid-growing climber, taking its name from the peculiar fragrance of the delicate white flowers. The leaves are heart-shaped, bright glossy green; growth is very rapid, reaching about eight feet in height; quite hardy. Good roots 5c each, 6 for 25c, 50c doz.



Duke Zeppelin Tuberous Begonia

AMARYLLIS

Formosissima (Jacobean Lily)—Flowers of a deep velvety crimson color, handsomely formed, very striking. Each 10c, 6 for 50c.

Equestro—The flowers have very spreading graceful petals of bright salmon pink, with a distinct snow-white blotch at the base of the petals. Each 25c, 4 for 90c.

Treatea (Fairy Lily)—Bulbs can be planted at any time during the winter or spring, and will soon bloom. They should be potted in sandy soil and five or six can be planted in five-inch pot. Each 5c, doz 50c.

Vittata Hybrid—Beautiful, large-flowering, new seedlings from choicest varieties; bulbs are of an immense size and will produce something grand. Each 50c, doz \$5.00.

Johnsonii (Spice Scented)—It is impossible to name a more magnificent bulbous plant than this; its immense flowers, richness of coloring and regal habits are simply incomparable; it throws up a spike about 18 inches high, bearing from two to

six flowers, averaging four to six inches across, of a bright rich red color, with a white stripe down each petal; it also has a rich, spicy fragrance. This variety is the most robust and luxuriant and the earliest to flower of the whole Amaryllis family, and is a prolific bloomer, and it is of easy culture. 25c each, extra large bulbs 50c each, 2 for 90c.

Amaryllis
Vittata
Hybrids



Crinum Capense

CRINUMS

Kirkii—The grandest variety of this group. The flowers are fragrant, petals broad and white with deep purplish reddish stripe through centre. Usually two flowerstalks are sent up, each bearing a large cluster of 12 to 20 flowers. It blooms with the greatest freedom. Extra large bulbs, each 50c, medium size bulbs 25c each.

Crinum Americanum—The flowers are pure white, waxy-like and fragrant, and are produced in great profusion. Strong flowering bulbs, each 20c, 3 for 50c.

Crinum Capense—Rose, sweet-scented, one of the finest Crinums; hardy with slight protection, producing many flower stalks 2 to 4 feet high, crowded with 10 to 15 blooms. Each 30c, 3 for 75c.

SPECIAL OFFER—One of each of the three varieties 90c, postpaid.



Pancratium Maritimum

SPIDER LILY

Pancratium Caribbeum (Spider Lily)—Planted out in wet places during summer it will produce many spikes of fragrant flowers, in dense clusters, lasting several weeks; grand for indoors, blooming even if grown in water. Each 20c, 3 for 50c, 7 for \$1.

Pancratium Maritimum (The Sea Daffodil)—The large white flowers are boldly relieved by a green stripe. Their beautiful odor is also a great attraction. As a cut flower they last for many days. It will certainly give satisfaction. Each 20c, 3 for 50c, 7 for \$1.00.

Pancratium Calathinum or Basket Flower (*Ismene Calathina Grandiflora*)—A grand summer-flowering bulb, producing throughout the season large Amaryllis-like, pure white, fragrant blossoms. Keep the bulbs in a dry, warm place, and plant out in June. Bulbs can be taken up in October, and after a few weeks' rest, potted and flowered in the house in winter, or kept over for planting out another season. Each 35c, 3 for \$1.00.

Large Flowering CANNAS

The Most Desirable Bedding Plant for the Canadian Garden

Mrs. Geo. A. Strohlein—A grand variety with extra large bright amaranth-red flowers, which are raised well above the foliage in strong, heavy, many-flowered trusses; grows about 6 feet high with large bronzy-purple foliage; entirely distinct. 25c. each.

Pennsylvania—One of the best of the Italian types; the flowers, which measure fully $6\frac{1}{2}$ inches in diameter, are produced remarkably free in many-branched pannicles, and are of an intense vermilion-scarlet, overlaid with an orange-scarlet sheen; foliage rich green; 6 to 7 feet; 25c. each.

Allemania (Italian)—Exceptionally large flowers, frequently measuring $6\frac{1}{2}$ inches across, the upper petals salmon with broad border and markings of golden yellow, while the lower petal is dark salmon marked with yellow in the centre; foliage dark green.

Alphonse Bouvier—5 feet. The most intensely brilliant crimson; undoubtedly one of the best bedding varieties.

America—4½ feet. The beautiful foliage is dark, shaded and flamed with green, bronze and purple, and shines as if varnished. The spikes are very large and the flowers are enormous, with a yellow throat and petals of glowing red, flamed and streaked with purple.

Austria (Italian)—6 feet. Pure canary yellow: fine large open flowers, with but few traces of reddish brown dots in the centre of the two inside petals.

Black Beauty—The handsomest Indian Canna yet introduced, with large massive foliage of the richest bronzy purple color shaded with black, the edges of the leaves having a peculiar wavy margin. Where foliage effect alone is desired, nothing richer or more handsome can be found.

Duke of Marlborough—3½ feet. Green foliage. Absolutely distinct and superbly beautiful. The color is rich, velvety maroon, the darkest color yet found in a Canna.

Egandale (Medal)—4 feet. Red foliage, strong, compact flower spikes, color currant red. The finest of its color because of its harmony of leaf and flower and because of its brilliancy.

Florence Vaughan—3 feet. The flowers of this splendid sort are of the most perfect form; the petals are even broader than those of the Madame Crozy and more rounded at the ends, and are well opened and of the most brilliant golden yellow, dotted with brightest scarlet.

Gigantea—This dark foliaged Canna has been grown to the height of 8 to 11 feet, with bright orange scarlet flowers of good size; the foliage is simply superb. It comes into bloom very early.



Type of Italian or Orchid Flowered Cannas

Golden Sceptre—A pure golden yellow Canna, without spots, that does not bleach in the sun like other yellow Cannas; flower stalk branching; height 4½ feet, foliage bright green.

Italia (Italian)—5 feet. Is of a bright orange-scarlet, with a very broad golden-yellow border; the flowers, which are produced on massive stems about sixteen inches long, are set well above the foliage.

Leonard Vaughan—5 feet. Rich, deep bronze foliage. Very strong, robust grower, flowers freely, and well-formed flower spikes show boldly above the foliage. Color, bright scarlet without markings, and with very wide petals, measuring $1\frac{1}{2}$ inches.

Madame Crozy—The flowers are of the largest size, of a dazzling crimson scarlet, bordered with golden yellow. Plant dwarf in habit. The foliage is of a rich, cheerful green, and very massive.

Mlle. Berat—The nearest approach to a pink in a first-class bedder. In this variety, however, the larger the mass the finer the effect, and when planted in conjunction with yellows and high-colored reds it is simply superb. Height 4 feet.

Mrs. Kate Gray (Italian)—7 feet. Flower is immense; larger than *Austria* or *Italia*, being round and full, of a clear wine color, beautifully suffused with gold. Besides the extraordinary size of the flowers, it is a very strong grower, and would be valuable on account of its beautiful and luxuriant foliage alone.

Paul Carnot—Has good-sized truss of large flowers; foliage deep chocolate maroon; color of bloom, bright red. One of the best of the dark-leaved sorts.

Queen Charlotte—4 feet. The flower spikes bear a beautiful bouquet of large flowers of perfect form, with petals of a rich scarlet crimson, broadly banded with a bright canary yellow.

Souvenir d'Antoine Crozy—The richest gilt-edged variety yet introduced; the flowers are large, with well-rounded petals, which are of intense scarlet crimson, rich and dazzling, and are bordered with a broad, rich, golden-yellow band; 3 feet high.

Strong Plants—Except where noted, each 15c, postpaid; by express at purchaser's expense, per doz. \$1.40.

For the Amateur, Dry Roots are difficult to start, so we offer plants.

Collection for a Canna Bed 7 feet in Diameter

1 Florence Vaughan (for centre)
12 Mad. Crozy (outside row)
6 Egandale (middle row)

FOR \$2.50
By Express

How to Prepare a Canna Bed—These plants being strong growers, require deeply-dug garden ground, well enriched with rotten manure; soil with some mixture of sand is best. After planting, water sparingly for a few days, until the plants have taken root; after well established and showing good leaf growth, increase the amount of water; when in full growth during hot weather they may be watered very freely. Set the plants 18 inches apart each way, using the taller ones (see height in description) for the centre and the dwarfier kinds for outer circles with shortest ones at edge.



Cannas in a Bed

Dahlias

The Dahlia is the grandest autumn flower we have. There is nothing to equal it in September or October when everything else is faded or fading, and it surrenders only to frost. Tubers should be planted when the season becomes warm, covering the neck about 3 inches. If many shoots start thin out. Take up plants before hard frost, cut off tops, dry the tubers a little, and put in cellar until spring. There are five distinct classes, viz.:—**Tall Double, Dwarf Double, Decorative Cactus, True Cactus, and Single.** All are grand, and the entire collection should be planted. Tubers can be sent as soon as all danger from frost is past, about April 1st. **Prices below include postage.**

Best Large Flowering Show Dahlias

Arabella—Pale primrose tipped and shaded old rose and lavender.
Beauty—Large, pure white, extra fine.
Charles Lidgard—Deep yellow, edged with red.
Countess—Very large yellow.
Duke of York—Clear yellow, merging into crimson, profuse bloomer.
Emily Edwards—White suffused soft pink, fine.
Empress of India—Large, white, tipped with purplish lilac.
Gloire de Lyon—Very large, pure white.
General Gordon—Yellow, beautifully striped with deep scarlet.
"Greater Britain"—The flowers are large, 5 to 6 inches in diameter, and perfectly full to the centre. The color is a pure, rich yellow, petals tipped with delicate peach.
Hector—Large, cherry red, finest form.
Jezebel—Dark rich maroon, tipped white.
Keystone—Pink, striped crimson.
Lord Roberts—White, shading to mauve.
A. D. Lavoni—Beautiful soft pink.
Mrs. D. Saunders—White tipped crimson lavender, fine form, very large.
Miss May Lowes—Pure white suffused soft lavender.
Mantas La Villa—Very deep rose.
Miss Browning—Clear yellow, tipped with white.
Modesty—Blush, light centre, large, always perfect.
Orange King—Orange scarlet, early.
Perfect Vallon—Beautiful rich cardinal red.
Prince Bismarck—Bright purple.
Queen Victoria—Yellow, edged deep rose.
Roseland—Light yellow.
Ruby Queen—Clear, ruby red, richly shaded.
Triomphe de Pacque—Dark maroon, good form,
PRICE—15c each; any 4, 50c; doz \$1.40.

Dwarf Double Bouquet Dahlias

So-called from their compact and dwarf habit of growth; flowers smaller than those of the Tall Dahlias, but perfect and very double.
Crimson Beauty—Vivid crimson.
Dandy—Bright crimson purple.
Decorator—Pinkish white, penciled purple.
Eleganta—Soft pink, tipped deep pink.
Golden Jewel—Very small, pure yellow.
Karl Goldenberger—Small, yellow, tipped white.
Snowclad—Best white, very free flowering.
Snowflake—Pure white.

PRICE—15c each; any 4, 50c; per doz \$1.40.

Five Fine New Dahlias for 1903



Perle de la Tete d'Or

Perle de la Tete d'Or—One of the most remarkable and beautiful of all the decorative class. The flowers are pure white with frequently a slight tinge of purple; very large and of exquisite form, with petals very prettily notched. Its chief value is its adaptability for cutting and decorative purposes. The stems are erect and very long, while the blooms will keep for days. 35c each.

Large Decorative Cactus Dahlias

This group is generally sold as Cactus Dahlias, but is entirely distinct. In form they are about half way between the show and cactus varieties, the petals are long, broad, beautiful and regular, though they vary in form in different varieties. Splendid for decoration.

Black Prince—Velvety maroon, almost black.

Countess of Pembroke—Delicate rosy lavender, large, long stems.

Cactus Queen—Rich blood red, very decided color.

Clifford W. Bruton—Large size and always full to the centre; color is of the purest yellow.

Fern Leaved Beauty—Foliage finely cut like a Fern. Color creamy white, heavily bordered with dark crimson.

Henry Patrick—Pure white, free.

Iridescent—Bright orange, overlaid with red, suffused and margined blue.

Lady Roberts—Pure white, early, very free bloomer.

La Favorite—Snow white, very large, fluffy like a chrysanthemum.

Maid of Kent—Rich blood red, tipped white.

Mrs. Munrow—Lovely shade of sulphur yellow blending to rich cream.

Oban—Rosy lavender, overlaid with silvery fawn.

Wm. Agnew—The richest shade of intense dazzling red.

William Pearce—Bright yellow, perfect.

PRICE—15c each; any 4, 50c; per doz \$1.40.

TRUE CACTUS DAHLIAS

This section is of recent introduction, and is the most beautiful of the entire Dahlia family. The flowers are perfectly double, loosely arranged and irregular in outline, the petals are long, pointed and twisted. Colors of this class are most exquisitely delicate and refined, while the blending of shades and tints is surpassingly lovely.

Beauty of Arundel—Rich, glowing crimson, shading to rosy purple.

Delicate—Light salmon, shading to lovely delicate pink.

Gloriosa—Deep bright red, shaded scarlet.

John Roach—Pale soft yellow, very fine.

Mrs. Peart—Creamy white.

Marquis—Dark rich crimson.

Mrs. V. Morgan—Combination of bronze, yellow and pink.

Viscountess Folkestone—Primrose shading to sulphur at base of petal.

PRICE—15c each; any 4 for 50c; per dozen, \$1.40.

SINGLE DAHLIAS

Titan—Fern leaf, orange.

John Cowan—Crimson, shaded maroon.

Kate—Intense orange-scarlet maroon.

Kapperfeller—Orange and purple.

PRICE—15c each, any 4 for 50c, \$1.40 per doz.

MIXED DAHLIAS

We have a large stock of Mixed Dahlia Roots from which the labels have been lost, among them will be found some of our very best varieties. We offer these for 10c each, 3 for 25c, 75c per doz, \$5.00 per hundred.

Frank Smith (Tall Double)—One of the best of the fancy type, rich dark purplish maroon, tipped pinkish white, very fine. Each 30c.

Mrs. Barnes (True cactus)—With long narrow twisted petals, of a lovely clear primrose shading to palest rosy pink. Each 35c.

Forest Hill Beauty—The grandest red decorative Cactus Dahlia. Flowers of the largest size and of perfect form; color richest shade of intense dazzling red. A great bloomer, plants being covered with masses of the large brilliant flowers which are carried well above the plant on long stiff stems. Each 50c.

Grand Duke Alexis (Decorative Cactus)—A magnificent flower of largest size and of distinctly unique form as the petals are rolled up so that the edges overlap each other. The color is pure white, distinctly lined delicate pink. Each 30c.

SPECIAL OFFER

The Set of Five for \$1.60 Postpaid.

GLADIOLUS

Large Flowering
Brilliant Colors

Strictly First Size Bulbs

.....

No Flower Garden is Complete

Without a Bed of Gladiolus

There is nothing to compare with the Gladiolus as a garden flower, thriving as they do under the most adverse conditions, and giving out a bountiful supply of handsome blooms which cannot be surpassed for their brilliancy and varied colors. We are large growers of these bulbs and supply only varieties and mixtures that we know are the best to be obtained and such as will give complete satisfaction.

A Select List of Named Gladiolus

- Shakespeare**—White, suffused carmine rose, large rosy blotch.
May—White ground, slightly striped crimson.
Lamarck—Cherry, white throat.
Emma Thursby—White ground, carmine strips through petals, blotch in the lower divisions. Each 10c, doz 90c.
Isaac Buchanan—Yellow.
Snow White—Grand spike of snow white flowers, a magnificent variety. Each 15c, 4 for 60c, \$1.75 per doz.
John Bull—White, tinted sulphur.
Dr. Hogg—Mauve, suffused rose.
Ceres—White, spotted rose.
Champ de Mars—Salferino, white blotch, bordered carmine.
General Sheridan—Fiery red, with white stripe.
Mrs. E. Krelage—Bright red, white blotch and carmine veins.
Reine Blanche—White, with dark carmine blotch.
 Any of the above (except where noted) 6c each, 60c doz, postpaid.

Giant or Childsi Gladiolus

The flowers are of great substance and of gigantic size. The form of both the flower and spike is perfection itself, but their most remarkable feature is their coloring. Orchids cannot surpass them in their varied and delicate shades, markings and blendings. Every color known among Gladiolus is represented, and many never before seen, particularly blues, smoke grays, and purple blacks, all having beautifully mottled and spotted throats, made up of white, crimson, pink, yellow.

NAMED VARIETIES

- Henry Gillman**—Deep salmon scarlet, with fine white bands.
Columbia—Light orange scarlet, freely blotched and pencilled with bluish purple.
Wm. Falconer—Spike of great length, with enormous flowers. Light pink and bluish mottled.
Boston—Flaming orange scarlet, with large white throat.
Mohonk—Deep dark pink, with spotted throat, shaded orange and flaked maroon.
Eva—Beautiful rose, shaded and marked with slate.
Old Oxford—Slaty crimson, heavily clouded blue.
Sacramento—Deep, bright coral scarlet, white mottlings.
Princeton—Large flowering red, violet and white mottlings in throat.
Brilliant—Beautiful orange red, carmine and white throat.
Ethel—Soft rose, with white and crimson.
Mrs. Beecher—Deep rosy crimson, pure white throat.

Any of the above 10c each, 90c per doz; postpaid

Mixed Varieties—Price each 7c, 4 for 25c, 12 for 60c, postpaid; 25 for \$1.00, 100 for \$3.50 at purchaser's expense.

OUR GENERAL MIXTURES

Our mixed Gladiolus are very fine indeed, being choice varieties only. All old and common ones have been discarded, and customers can depend on having a large and magnificent variety of colors.

	Each	per doz.	per 25	per 100
Simmers' Extra Fine Mixed	\$0 03	\$0 30	\$0 60	\$1 75
Popular Cheap Mixture	0 02	0 20	0 35	1 25
Mixed Lemoine's Seedlings	0 05	0 35	0 70	2 00

Remember all are postpaid at prices quoted except 100 lots.
 The 100 rate does not include carriage.



Gladiolus in Colors All Large Flowering Bulbs

	Each	per doz.	per 25	per 100
White and Light Varieties, Mixed	\$0 05	\$0 50	\$0 90	\$3 25
Striped and Variegated, Mixed	0 05	0 50	0 90	3 25
Pink Varieties, Mixed	0 05	0 40	0 65	2 00
Red and Scarlet Varieties, Mixed	0 03	0 30	0 50	1 50
Yellow and Orange Varieties, Mixed	0 05	0 50	1 00	3 50
Groff's Hybrids	0 10	1 00	1 75	5 00

SPECIAL OFFER . .

- 1 Large Flowering Single Tuberous-Rooted Begonia.
 1 Amaryllis—Formosissima.
 1 Cinnamon Vine.
 1 Giant Flowered Gloxinia.

The above FOUR grand Bulbs mailed postpaid for only 30c.

Choicest Hardy Lilies



Liliun Auratum

ALL STRICTLY FIRST SIZE. Especially adapted to planting in borders, between shrubs, etc. **The best collection of sure blooming Lilies ever offered.** Because of the great popularity of this most beautiful of all bulbous plants, hundreds of kinds have been offered to the public in small and inferior bulbs, such as have shriveled and died before attempting to start into life—all of which has discouraged the many friends of this flower divine. Bulbs chosen from this list will produce a Lily bed which will not be a disappointment.

Their ease of culture, hardiness and freedom of bloom commend them to every flower lover.

AURATUM, Gold Banded

Justly famous as the most beautiful and fragrant of all Lilies, flowers white, dotted crimson, with a clear, broad golden band running through the centre of each petal.

First Size Bulbs	Each 15c, 4 for 50c, dozen \$1.50
Extra Size Bulbs	" 20c, 4 for 75c, " 2.00
Mammoth Size Bulbs	" 30c, 4 for \$1.00, " 3.00

SPECIOSUM ALBUM

Pure white, with beautiful recurved petals, very fragrant.

First Size Bulbs	Each 20c, 3 for 50c, dozen \$2.00
Extra Size Bulbs	" 25c, 3 for 65c, " 2.50
Mammoth Size Bulbs	" 35c, 3 for \$1.00, " 3.50

SPECIOSUM RUBRUM, Crimson Banded

Flowers are white, with a deep rosy or crimson band on each petal, with deeper colored spots betw en. They are five to six inches in diameter, very fragrant, and have all the hardiness of the Speciosum Class.

First Size Bulbs	Each 15c, 3 for 40c, dozen \$1.50
Extra Size Bulbs	" 20c, 4 for 75c, " 2.50
Mammoth Size Bulbs	" 30c, 4 for \$1.00 " 3.00

Special Offer

One first size bulb each of the three grand sorts, postpaid	40c.
One extra size bulb each of the three grand sorts, postpaid	60c.
One mammoth bulb each of the three grand sorts, postpaid	85c.



Liliun Speciosum

Roseum (Speciosum)—White, shaded and spotted with rose. Each 15c, doz \$1.50.

Melpomene (Speciosum)—A valuable addition to this class. Each petal is completely covered with blood-red, except a clear, frosty white border. Extremely handsome and perfectly hardy. Each 15c., doz \$1.50.

Longiflorum—A variety bearing in clusters, beautiful snow white, trumpet-shaped flowers of rare fragrance, almost exactly like Liliun Harrissi in shape, but blooms later, extending the season of that beautiful kind. Each 15c, doz \$1.50.

Brownii—Magnificent variety with large flowers, pure white inside, purple tinted outside, stamens of a rich chocolate color, one and a half to two feet high, blooms in June. Each 40c.

Chalcedonicum—Bright scarlet recurved flowers, blooms in June, 3 feet. Each 50c.

Martagon—Purplish red, spotted with dark purple, prolific bloomer, 2 to 3 feet high, blooms in midsummer. Each 15c, per doz \$1.50.

All Bulbs are sent by Mail postpaid, unless noted



Japanese Lilium Longiflorum Multiflorum

Tenuifolium (Coral Lily of Siberia)—Flowers vivid scarlet, with petals reflexed; very showy and free flowering, blooming early in the spring, very easily grown, requiring only a well drained, sandy soil. Each 25c, 5 for \$1.00, 12 for \$2.00.

Excelsium—This stately and beautiful variety grows from 5 to 6 feet in height, and bears from 6 to 12 fragrant, nodding flowers, of a delicate buff color. Each 50c, 3 for \$1.35.

Tigrinum—Spotted Tiger Lily. Each 15c, per doz \$1.50.

Tigrinum, fl. pl—Spotted Tiger Lily with double flowers. Each 10c, 6 for 50c.

Candidum—The pure white garden lily, flowers snowy white, with heavy yellow stamens; hardy and free blooming, bearing 5 to 20 blossoms. Plant early and leave them undisturbed. Each 10c, 3 for 25c, 6 for 50c, per doz \$1.00.

Orange Lily (Bulbocodium Aurantiacum)—Each 15c, per doz \$1.25.

Wallace's Notes on Lilies An interesting and valuable book on Lilies, indispensable to Bulb Growers. Illustrated. Cloth, 215 pages, \$2.50.

Lily Collections

To make these beautiful flowers more popular we offer the following very cheap:—

Popular collection of 10 Separate Varieties for \$1.25, postpaid.

ONE BULB EACH—Auratum, Roseum, Rubrum, Album, Melpomene—Longiflorum, Martagon, Tigrinum, Tigrinum, fl. pl., Tenuifolium.

Popular collection of 5 Separate Varieties for 75c, postpaid.

ONE BULB EACH—Auratum, Roseum, Rubrum, Album, Melpomene.

GLOXINIA

A charming class of summer blooming bulbs, which succeed with ordinary care. They should be grown in a moderately shady place, as the sun burns the foliage when wet, making brown spots appear.

Our mixtures include flowers of lovely form and hue, comprising all shades of color. For those who do not care about special color, they will be found very desirable, as only fine varieties have been kept, poor and dull colors being discarded.

SEPARATE COLORS—Pink, Rose and Pink, White, Blue, Tiger Spotted. Each 15c, 4 for 50c, doz \$1.50.



Gloxinia, with erect bloom



Spotted Calla



Fancy Caladiums



Black Calla



Giant Cyclamen



Caladium Esculentum

CALADIUM ESCULENTUM

(Or Elephant's Ears)

One of the most beautiful and striking ornamental foliage plants in cultivation, either for culture in pots or for planting out upon lawns. It will grow in any good garden soil, and is of the easiest culture. When of full size it stands about 5 feet high, with immense leaves, often measuring 4 feet in length by 2½ in breadth. Price—1st size root, each 25c, doz \$2.50; 2nd size each 15c, doz \$1.50; small size, 10c each, \$1.00 per doz.

DWARF CALLA "LITTLE GEM"

Indeed a "pigmy," scarcely ever exceeding the height of 1 foot, yet producing good sized flowers in great abundance. The flowers will be found exceedingly useful for "cut flower work." Price—Each 20c, 3 for 50c.

WHITE CALLA (Lily of the Nile)

Pure white, splendid bloomer. Each 15c, 4 for 50c.

SPOTTED LEAF CALLA

(Richardia Alba Maculata)

A very ornamental plant even when not in bloom; foliage beautifully marked with transparent white spots showing to great advantage before a window. Flowers white, with black centre. Blooms splendidly in the garden or as a pot plant. Large bulbs, to bloom at once.

Price—Each 10c, 3 for 25c, doz \$1.00.

YELLOW CALLA (Richardia Hastata)

Everyone is familiar with the well-known White Calla Lily. This fine variety we now offer is identical with this in every respect, except the color, which is pure yellow, so that the great value of this grand novelty can be readily appreciated by all. Genuine imported stock.

Price—Each 40c, 3 for \$1.00.

BLACK CALLA (Arum Sanctum—Solomon's Lily)

The large, wavy leaves, which are of a rich green color, veined light green, resemble those of Calla Ethiopica. The flower is about 14 inches long and from 7 to 9 inches across, of a brilliant dark purple color. The spike rising about 10 inches above the centre of the flower is velvet-like and quite black. Price—Extra large roots, each 20c, or 3 for 50c.

CALADIUM (Fancy Leaved Varieties)

A most beautiful class of plants, with the brightest and most peculiarly marked leaves of any foliage plant. They are easily grown and from the 1st of June until October no house plant can vie with their beauty. Bulbs must be stored in the winter where it is quite warm and not too dry. Our collection consists of 30 fine varieties. Each 25c, 4 for \$1.00, doz \$3.00.

GIANT CYCLAMEN

Certainly most interesting and beautiful winter and spring flowering bulbs. Not only are the flowers of striking beauty, but the foliage is also highly ornamental, being handsomely marked with various shades of green, gray and white.

Giant Rose Giant Red
Giant White Giant Mixed } 20c each, doz \$2.00.

COOPERIA DRUMMONDI

(The Giant Fairy Lily)

Plant in spring, either in open ground or pots, where they will bloom freely most of the summer, sending up beautiful lily-like white blossoms on stems 10 to 15 inches high. In the fall lift the bulbs and keep dry over winter. One of the easiest bulbs to grow, sure to bloom freely. Strong bulbs 5c each, 6 for 25c.

CYPELLA**HERBERTI**

(Golden Cup)

The flowers are of a deep golden yellow, each petal having a broad, rich purple stripe through the centre, and spots of the same color at the base. As the flowers are produced in quick succession and many on a spike it is scarcely ever out of bloom. Keep dry in winter.

Price—Each 20c, 3 for 50c.



Cypella Herberti

HYACINTHUS CANDICANS

A very striking and beautiful plant. It is a strong grower and quite hardy, shoots upward a stem 4 or 5 feet high, which bears quantities of drooping, ivory-white, bell-shaped flowers, of delicate fragrance. It is very attractive planted among shrubbery or with Lilies or Gladioli. Each 10c, 3 for 20c, doz 75c.

LILY OF THE VALLEY

No flower so easily wins our love and keeps it forever as the Lily of the Valley—the sweetest and most delicate flower, being perfectly hardy, and each succeeding year rewarding the grower with greater abundance of deliciously fragrant blossoms. Strong clumps, each 85c. Strong pips each 5c each, 6 for 20c, 12 for 35c.



Madeira Vine

MADEIRA VINE

A tall, half-hardy, tuberous-rooted, climbing plant of rapid growth, bearing copious and graceful racemes of deliciously fragrant white flowers. Very useful for screens and trellis work. Each 5c, 3 for 10c, doz 30c.



Montbretia Crocosmiaeflora

MONTBRETIA CROCOSMIEFLORA

Showy flowers on spikes 12 to 24 inches long; bright orange, dotted purple. Each 5c, doz 50c.

EXCELSIOR "PEARL"
DOUBLE

TUBEROSE

Everybody's Favorite

Sweetest-Scented Flower that
Blooms.

This pure white, perfectly double, delightfully fragrant flower, invaluable for bouquets, is too well-known to need any description. The growing plant is fond of light and heat, and must have full sunlight when bedded and plenty of water when it begins to grow freely, but not too much water when first planted, and should not be planted outside before May 1st. This variety grows only 24 inches, about half the height of the old double sort, and the flowers are nearly twice the size (often two inches in diameter), and imbricated like a Camellia, deliciously fragrant. (See Cut.)

Each 5c, 6 for 25c, doz 40c, post-paid; 25 for 75c, 100 \$2.25, carriage extra.

SUMMER FLOWERING
OXALIS

Valuable for edging walks, flower beds, etc. Bulbs planted 3 inches apart form rounded rows of delicate foliage 1 foot high, which produce flowers in endless succession.

Versicolor—White margined vermillion. Each 5c, 3 for 10c, doz 30c.

Lasiandra—Rosy pink. 5c each, 3 for 10c, doz 30c, 100 for \$2.00.

Dieppi—Rosy white. 5c each, 3 for 10c, doz 30c, 100 for \$2.00.

ZAMIA INTEGRIFOLIA

When in full leaf this noble plant presents a highly tropical appearance, only rivalled by the high-priced Sago Palm, which it resembles in appearance. The foliage is very lasting, remaining on the plants for years, and enduring the heated air of rooms with impunity. Start the dry roots in a sandy soil in a warm place.

Dry Roots, each 35c.

ZEPHYRANTHES

The Zephyr flowers or "Fairy Lillies" are gems of rare beauty. Planted in pots, or in the open ground, they produce very beautiful lily-like flowers all summer, and will be greatly admired by all who see them.

Atamasco—Large, pure white. Each 5c, doz 50c.

Rosea—Beautiful, clear rosy pink. Each 5c, doz 50c.

MILLA BIFLORA

(Mexican Star or Frost Flower)

This charming flower blooms profusely all summer; the flowers are full three inches in diameter, and pure waxy white; they are borne on slender, rush-like stems. Each 5c, 3 for 10c, doz 40c.

PHADRANASSA

- - GLORIOSA

The flowers are borne in pendulous clusters, and with an odd mingling of colors, green, orange, scarlet, etc.; always admired, for it is a very odd and exceedingly interesting plant; the clusters of fine drooping blossoms are entirely unlike any other species of *Amaryllis*. Each 15c, 3 for 40c.

THE RESURREC-
TION PLANT

(Or Rose of Jericho)
Imagine a bunch of withered-looking curled-up shoots, brown, stiff and apparently dead, resembling a bird's nest. Place it in water; in an hour what a transformation! The withered-looking bunch has now opened, and is transformed into a patch of bright green moss. Each 15c, 2 for 25c.



Phadrانassa Gloriosa

50c Spring Bulb Collection

Contains 15 splendid Summer Flowering Bulbs which we will send free by mail or express for only 50 cents—1 Double Dahlia, 1 Gladioli, 1 Cinnamon Vine, 2 Tuberoses, 3 Milla, 1 Hyacinthus Candicans, 1 Madeira Vine, 1 Tigridia, 3 Oxalis. All the above Bulbs are fully described, and most of them illustrated in the Bulb department of this Catalogue. Compare the retail prices.

SNAKE LILY

(*Sauromatum* or *Amorphophallus Simlense*)

A very remarkable flower, 15 inches long, the inside of which is of a peculiar golden color, spotted purple, while the back is of metallic brown. Fine palm-like foliage. (See illustration). Large bulbs 15c each, 2 for 25c.



Snake Lily

\$1.00 Spring Bulb Collection

Contains 25 Summer Flowering Bulbs, which we will send free by mail or express for only \$1.00:—2 Milla Biflora, 1 Madeira Vine, 4 Mixed Gladioli, 1 Lillium Longiflorum, 4 Fine Oxalis, 1 Cyclobottra, 2 Pearl Tuberoses, 1 Amaryllis Treata, 1 Tigridia, 1 Spider Lily, 1 Double Dahlia, 2 Cinnamon Vines, 1 Caladium (Elephant's Ear), 1 Hyacinthus Candicans, 2 Tuberos Rooted Begonias. This collection will furnish flowers from early spring until late in the fall, and if properly cared for the Bulbs can be stored over winter and planted again in the spring.

TIGRIDIAS

(Peacock Tiger Flower or Mexican Shell Flower)

Extremely handsome summer flowering bulbs, growing about 2 feet high, producing large gorgeous flowers, exquisitely spotted.



Tigridia or Tiger Lily

Conchiflora—(Mexican Shell Flower)—Dark yellow, large red spots. Each 5c, doz 45c.

Favonia (Peacock Tiger Flower)—Very large, bright crimson centre, mottled with yellow. Each 5c, doz 45c.

Grandiflora Alba—Flowers large, ivory white, spotted at the base with red on a yellowish ground, forming a fine contrast with the white of the petals. Each 10c, per doz 90c.

SPECIAL OFFER

One each of the above three varieties for 15c, or three Bulbs of each variety for 40c.

WATER LILIES AND AQUATICS

The cultivation of Aquatics is of the simplest; their requirements are sunshine, water and plenty of rich soil. They are divided into two classes, hardy and tender; the former may be planted in ponds, lakes, or sluggish streams, early in the spring, and under the same conditions as our native Water Lily, they will grow luxuriously and flower profusely the entire season; provide the same conditions in artificial ponds or tanks, and the results will be equally satisfactory. Plant the tender varieties at the approach of warm weather and when the water is warm.

Red Water Lily

(*Nymphaea Devoniensis*)—Tender. Each 75c.

Blue Water Lily

(*Nymphaea Zanzibarensis* Azurea)—Tender. Each 75c.

Pink Water Lily

(*Nymphaea O. Rosea*)—Hardy. Each 80c.

Giant Water Lily

(*Nymphaea Odorata Gigantea*)—Hardy. Each 25c, 3 for 65c.

White Water Lily

(*Nymphaea Odorata*)—Hardy. Each 25c.



Nymphaea (Water Lily)

English White Water Lily (*Nymphaea Alba*)—Hardy. Each 75c.

Nymphaea Marliacea Albida—White; hardy. Each \$1.00.

" **Marliacea Carnea**—Pink; hardy. Each \$1.00.

" **Marliacea Chromatella**—Yellow; hardy. Each 75c.

" **Odorata Sulphurea**—Yellow; hardy. Each 75c.

" **Tuberosa Richardsons**—White; hardy. Each 75c.

" **Dentata**—White; tender. Each 75c.

Nelumbium Speciosum (Egyptian Lotus)—Hardy. Each \$1.00.

Water Hyacinth—Tender. Each 25c.

Limnanthemum Indicum (Water Snowflake)—Tender. Each 25c.

Limnanthemum Nymphaeoides. Each 25c.

Water Poppy—Tender. Each 25c.

Parrot's Feather (*Myriophyllum*)—Tender. Each 25c.

ORNAMENTAL ASPARAGUS

SPRENGERI—A pot plant or for planting in suspended baskets; the fronds are of a rich shade of green, and most useful for cutting, retaining their freshness after being cut for weeks. An excellent house plant, as it withstands dry atmosphere. Strong plants 20c each.

Plumosus Nanus—This graceful climbing Asparagus has to a great extent taken the place of the once popular *Smilax*. It is much more graceful, its foliage being finer than that of the most delicate fern, and it will last for weeks after being cut. It is an excellent house plant, succeeding under almost any conditions. 20c each.

SPECIAL OFFER—One each of the two Asparagus Ferns, 35c.

AUCUBA JAPONICA VARIEGATA

(The Japan Gold Dust Tree)—

Beautiful glossy leaves sprinkled with bright yellow. Fine bushy plants. Each 35c.

Flowering Begonias

Alba Picta—The leaves are glossy green, freely spotted with bright silvery white. 15c each.

Argentia Guttata—Upright grower, largely spotted white. 15c each.

Compta—Stems and under sides of leaves red, upper side white and green. 15c each.

Feastii—Low growing round glossy leaves, pink flower. 15c each.

Gloire de Lorraine—Decidedly the greatest gem in winter-flowering Begonias yet introduced. It grows from 12 to 15 inches high, forming naturally graceful bushy specimens, which, from October to April, are completely smothered with soft rosy pink flowers. 80c each.

Incarnata Grandiflora—Rich pink, best winter variety. 15c each.

Manicata Aurea—Large, glossy, green leaves, beautifully blotched with creamy white, clear carmine etchings in the matured leaves. 15c.

Margaritae—Of the style of Metallica but a hardier and better grower. 15c each.

Odorata—White, sweet-scented. 15c each.

Otto Hacker—Vigorous grower, upright habit, with large, shining deep green leaves. The flowers are borne in immense clusters. Color a beautiful bright coral red. 15c.

Palmata—Palm shaped leaves, handsome. 15c each.

Paul Bruant—Light pink, glossy fine foliage—good for winter. 15c each.

Pond Lily—Glossy, roundish leaves, pink flowers, mostly in winter. 15c each.

Thurstonii—Rich pink, handsome foliage. (See cut.) 15c each.

Weltoniensis—Best summer blooming variety—pink. 15c.

SPECIAL OFFER—Any Three Varieties for 40c, postpaid. Any Six Varieties for 75c, postpaid.

Dwarf Begonia Bijou—A very pretty dwarf variety, growing only about 9 inches high, and covered with intense scarlet crimson flowers. A perfect gem for pot culture, blooming continuously, equally valuable for outside planting in masses or as a border plant. 20c each.

Rex Begonias (Ornamental Leaved Varieties)—Many improvements have been made in recent years in this useful house plant. Our collection, which contains some 20 varieties, embraces all the good old varieties, as well as the best of recent introduction. (See cut.) 20c each, 3 for 50c.

BOUGAINVILLEA SANDERIANA

This beautiful free-flowering variety on account of its free-blooming qualities has become very popular, especially as a plant for Easter decorations. It is of strong and rapid growth, and the brilliant rosy-crimson blossoms are produced almost the whole year. (See cut.) 25c each.

CARNATIONS

C. H. Crane—Fine scarlet.

Chicago—Bright scarlet, very large.

Flora Hill—One of the finest whites, large and free flowering.

Gov. Roosevelt—Rich crimson.

Gen. Gomez—Deep crimson.

Gen. Macco—Bright crimson.

Glacier—White Dwarf.

Gold Nugget—Best yellow.

Leslie Paul—Dark pink, good.

Mad Albertini—Large rich pink.

Mrs. T. W. Lawson—Dark pink, large.

Prosperity—White striped pink.

Portia—Finest rich scarlet.

The Marquis—Clear pink, large.

Triumph—Pure pink without a trace of purple; very large with long, stiff stems.

Winter Cheer—Bright scarlet.

Any of the above Carnations 10c each, 12 for \$1.00.



Begonia—Otto Hacker



Rex Begonia



Begonia Thurstonii



Begonia Gloire de Lorraine



Asparagus Plumosus



Bougainvillea Sanderiana



The Marquis



White Cloud

Chrysanthemums

STANDARD VARIETIES

Our List of Chrysanthemums is composed exclusively of varieties standing at the head of their type and color.



Timothy Eaton

- Black Hawk**—Finest crimson to date.
Col. Appleton—Fine large yellow, incurved.
C. Chalfant—Fine early large yellow.
Glory of Pacific—Large, early pink, broad petals.
Golden Wedding—Undoubtedly the grandest golden yellow variety.
Gold Mine—Clear, rich yellow.
Iora—Pink, long twisted petals.
Ivory—Pure white, a splendid free-flowering variety.
John Shrimpton—Bright, velvety, crimson scarlet.
L. Boehmer—Silvery pink and deep rose, ostrich plume type.
Major Bonnafon—Soft clear yellow, incurved.
Mayflower—Large, incurved, white.

- Merry Christmas**—Latest flowering white.
Merry Monarch—Large white, early.
Modesto—Intense yellow, incurved.
Mrs. Chamberlain—Clear pink.
Mrs. Perrin—True pink incurved.
Mrs. Henry Robinson—Large early white.
M. Lamond—Crimson.
Mutual Friend—Large, late white, reflexed.
Niveus—Clearest and finest white.
Pink Ivory—Light pink, early.
Solar Queen—Large golden yellow, early.
The Barrington—Purplish crimson, very distinct.
TIMOTHY EATON—Finest and largest white; awarded highest honors wherever exhibited.
White Bonnafon—Late, pure white, fine form.

Any of the above List 10c, 6 for 55c, 12 for \$1.00. One each of the 25 varieties \$1.90 postpaid.
Everblooming Chrysanthemums These will bloom more or less all summer, and if potted and brought indoors in autumn, will continue blooming well into the winter as well. Flowers are of good shape and of about the medium size, three or four inches. Everblooming White, clear white; Everblooming Yellow, clear yellow.
 Price—Each 15c, 2 for 25c.

SOW SIMMERS SEEDS

FUCHSIAS



Madame Bruant



Wave of Life



Mrs. E. G. Hill

- Avalanche**—Best dark Double Fuchsia, fine foliage.
Arabella—White tube and sepals, rose corolla; early.
Black Prince—Bright waxy carmine, pink corolla.
General Roberts—Red sepals, plum corolla, flower 4 in. long, extra fine.
Mrs. E. G. Hill—Short tube and sepals, bright, rich reddish crimson color; corolla extra large, full and double; flower of the largest size.
Molesworth—Best double white.
Mad. Bruant—One of the most double; sepals bright red; corolla rosy heliotrope, marked and veined with rose.
Rose of Castille, Improved—White with violet centre.
Speciosa—Flesh color sepals, red corolla. Finest of all for winter flowering.
Wave of Life—Golden foliage, crimson tube and sepals; fine purple corolla.

Any of the above 15c each, 2 for 25c.

One each of the above 10 varieties for \$1.00, postpaid.

COBÆA SCANDENS

A beautiful climber of rapid growth, bearing large, purple, bell-shaped flowers.

Price—Large plants, each 20c, 3 for 50c.

COLEUS

Price—Each 10c, 6 for 50c, per doz 90c, per 100 \$5.00.

Agapanthus Umbellatus

(Blue Lily of the Nile)

Flowers are bright blue, produced on long spikes, raising them well above the plant. There is no better plant for growing in pots or tubs on the lawn. Grow very rapidly and should be divided and repotted when roots overcrowd the pot. Each 25c.



Coleus



"New Century" Giant Flowering Caladium

The Giant Flowering Caladium

"NEW CENTURY"

A new species introduced from Central America. It produces leaves from 3 to 5 feet long, 2 to 2½ feet broad, and is much larger than the ordinary Caladium or Elephant's Ear. The leaves are of a heavy leathery texture, bright glossy green color with metallic lustre and are held on stout, stiff stems, well above the ground. Added to the foliage effect are the creamy white lily-like flowers from 12 to 15 inches long, which possess an exquisite fragrance and are produced throughout the summer. 35c each.



Cyperus or Umbrella Plant

CYPERUS or UMBRELLA PLANT

A strikingly handsome plant, suitable for the house, of easy culture and sure to give you complete satisfaction. It reproduces itself from the roots, and may be subdivided. Each 15c, 2 for 25c.

CHINESE PRIMROSES

Brightest and best of all the easily grown free flowering window plants. The single varieties with flowers as large as a silver half dollar, have beautifully fringed, fluted and wavy edges, and even small plants produce a wealth of flowers. Should be grown in a cool place, a north window is suitable. Our plants are of the largest flowered class, grown from seed. Each 25c, postpaid.

GREVILLEA ROBUSTA

A very beautiful shrubby plant with fern-like foliage, and rich, golden-yellow trusses of flowers; soon forming fine plants. Plants, each 15c, 2 for 25c.



GREVILLEA ROBUSTA

Surplus Collection

These Surplus Collections of Plants and Bulbs we are ready to fill by May 25th, and we will send plants amounting to not less than \$2.00, at Catalogue prices, and pay postage. If ordered by express we can send many more plants and of larger size; but they are always of our selection.

Price \$1.00

Ready May 25th.



Madame Bruant



Comtesse de Harcourt



Lady Reed



Madame Jaulin



Jean Viand

GERANIUMS

BY MAIL, POSTPAID

DOUBLE AND SEMI-DOUBLE GERANIUMS

- Adrienne Corret**—Light rosy red, shaded magenta, fine bedder.
Beauty de Poitevin—Very large, semi-double, brilliant salmon.
Emile Girardin—Bright pink, best of its color.
J. J. Harrison—Most brilliant scarlet flowers of immense size.
La Favorite—The trusses are very large, flowers beautifully formed, of the purest white.
Alphonse Ricard—Light scarlet, large.
Charles Morel—Bright double red.
Francis Maynard—Dark purplish red.
Jean Viand—Fine large pink.
La Colosse—Rich scarlet, very large flower.
Marquis de Castellane—Magenta, very fine.
Comtesse de Harcourt—Very fine white.
Madame Jaulin—Salmon and white, very fine.
S. A. Nutt—The best rich dark crimson variety. A fine bedder.
 Any of the above 10c each, 3 for 25c, per doz \$1.00.

SINGLE GERANIUMS

- Lady Reed**—Light salmon, best of its color.
L'Aube—Immense pure white.
Madame Bruant—White, veined and edged purplish pink; good bedder.
Edmond Rostand—Magenta.
Jacquerie—Rich crimson.
New Life—Bright scarlet striped white.
Madame Jamet—Salmon pink, light centre.
Camille Bernardin—Blush white, tinted rose.
Sam Sloane—Dark scarlet, "The Scarlet Bedder."

Any of the above 10c each, 3 for 25c, per doz \$1.00.

NOTE—Bedding size Geraniums will be supplied at from \$1.00 to \$1.50 per doz.

SILVER-LEAVED GERANIUMS

Madame Sallerai—A very compact variety of Silver Geranium, very fine for massing or bordering; a thrifty, healthy grower, rarely reaching a height of more than 6 inches; leaves very small, of a peculiar clear green, edged with pure white.

Assorted Varieties Silver-Leaved Geraniums—10c each, 3 for 25c, \$1.00 per doz.



Hydrangea Otaksa Monstrosa

SCENTED GERANIUMS

Rose, Lemon and Nutmeg scented. Each 15c, one each of the three 40c.

IVY GERANIUMS

The double Ivy Geraniums are remarkably popular at present, and deservedly, for the new Hybrids in richness of color surpass all Geraniums.

Beauty of Castlehill—Beautiful soft red, extra large.

Jeanne d'Arc—Fine habit, the best double white.

Bride—Pinkish white.

Centenaire—Large purplish crimson.

Raphael—Salmon rose.

Robert Owen—Very large rosy red.

Madame Thibault—Rosy scarlet.

Theodore—Dark red.

Any of the above 15c each, 2 for 25c, 6 for 70c.

HYDRANGEAS

Fine Plants

The Hydrangeas are well known favorites, grown as pot plants, their immense heads of bloom making them very conspicuous. A little shade and plenty of water meet all their needs.

Hydrangea Paniculata—See Hardy Shrubs, page 84.

Otaksa—A Japanese variety lately introduced; beautiful large glossy foliage, large heads of pink flowers. 20c each, 3 for 50c.

Otaksa Monstrosa—Intense rose, shaded white; borne in large clusters, quite small plants bearing blooms of the most enormous size, and which are very lasting in quality. 20c each, 3 for 50c.

Thomas Hogg—Large, pure white flowers which, on well-grown plants, measure more than 12 inches in diameter. 20c each, 3 for 50c.

Hortensis Nigra—Rich pink, very large and fine, black stems. 20c each, 3 for 50c.

HELIOTROPES

Heliotropes are great favorites, principally on account of their delicious fragrance; they grow freely under glass, and may be planted in the open border during the summer. 10c each, 3 for 25c, doz \$1.00.

MANETTIA VINE

A charming and profuse flowering climber, producing tubular flowers from 1 to 2 inches in length, the plant being literally covered with them the entire season. The coloring of these flowers is gorgeous in the extreme, being a flame color tipped with bright yellow. 15c each, 2 for 25c.

SWAINSONIA GALEGIFOLIA ALBA—A most desirable ever-blooming plant, with pure white flowers, produced in sprays of from 12 to 20 flowers each, the individual blooms resembling a Sweet Pea. As a decorative plant for the window or conservatory we know of nothing that will give as much satisfaction as the Swainsonia. 15c each, 2 for 25c.



Heliotrope



Manettia Vine



Swainsonia Galegifolia Alba

RUPELLIA LONGIFLORUM

The Christmas Coral Plant—A splendid red flowering plant. It is a most useful plant during the dull winter months, small-sized plants being covered with bright red flowers. The ease with which flowering plants may be had by the end of the year is remarkable. It is not only useful as a winter-blooming plant, it comes in well for planting out in spring, blooming satisfactorily during the summer. 25c. each.



**Boston Fern
FINE FERNS**

We can supply a very choice selection of Ferns, such as Adiantums, Pteris, Davallia Striata, and many others, specially suited for indoor culture, which we offer at 25c each, \$2.50 per doz. postpaid.

BOSTON FERN—Long, graceful fronds, eighteen to twenty inches, hardy; increases rapidly; you can soon "give a slip" to ten friends. Each 20c postpaid. Larger plants 50c, 75c and \$1.00, by express.

RUBBER PLANTS

Ficus Elastica—The well-known India rubber tree, one of the very best for table or parlor decoration.



Rubber Plant

4-inch pots, 10-12 inches high... \$0 65
6-inch pots, 18-24 inches high... 1 25



Kentia Belmoreana

PALMS

Specially Grown for House Culture

LATANIA BORBONICA (Fan Palm)—This fine palm is too well-known to need any extended description, its strong constitution and other grand characteristics render it one of the most popular Palms grown.

FINE PLANTS

4-inch pots, 4 to 5 leaves each \$0 50
5-inch pots, 4 to 5 leaves, 18 inches high 0 90
6-inch pots, 6 to 6 leaves, 18 to 20 inches high 1 50
7-inch pots, 6 leaves, 24 inches high 2 00
Specimen plants, 7 character leaves, 36 inches high 4 50

Kentia Belmoreana—The Kentias are among the best of the the Palm species for general cultivation, being almost impregnable against diseases. The variety shown in the engraving is one of the best in its class, graceful habit, bright green foliage, gracefully disposed: as a decorative plant for the window, table or conservatory it scarcely has an equal. (See cut). Price, from

3-in. pots, 4 to 5 leaves, 10 to 12 in. high... \$0 50
4-in. pots, 5 to 6 leaves, 15 to 18 in. high... 1 00
5-in. pots, 5 to 6 leaves, 22 to 24 in. high... 1 50
6-in. pots, 6 leaves, 24 to 26 in. high... 2 50
7-in. pots, 6 leaves, 30 in. high... 3 50

Areca Lutescens—One of the most valuable and beautiful Palms in cultivation; bright, glossy green foliage and rich golden yellow stems. 5-in. pot 90c, 6-in pot \$1.25, 24 to 26 inches high.



Cocos Weddelliana—The most elegant and graceful of all the smaller Palms, as they are of slow growth and maintain their beauty for a long time. 4 to 6 in., 35c each, 8 in. high 50c each.

TWO NEW ROSES



Gruss An Teplitz, "The Crimson Hermosa"

New Bedding Rose, Gruss An Teplitz, "The Crimson Hermosa."—This, the reddest of all red Roses, is to the amateur who has no greenhouse and depends on his garden for flowers one of the most important varieties yet introduced. It is a Rose for everybody, succeeding under the most ordinary conditions, and is destined to take rank with such old-time favorites as Hermosa, Malmaison, Souper, etc. In color it is of the richest scarlet imaginable, shading to a velvety crimson as the flowers mature; in size it is larger than Hermosa, very fragrant, a free, strong grower, quite hardy, and the most profuse bloomer known to us, the mass of color produced being truly phenomenal: the foliage is extremely beautiful, all the younger growth being of a bronzy plum color. A limited number of this variety was distributed by us last year, and we have received many flattering reports from purchasers of the same.

Strong plants 40c each, 3 for \$1.00.

New Climbing Moss Rose "Cumberland Belle."

—A sport from that pretty Moss Rose Princess Adelaide, itself a strong, vigorous grower, which is wonderfully developed in the offspring, the original sport the first season having attained a height of over 15 feet and had 118 buds and flowers on it at one time. In color it is identical to the parent, a bright silvery rose, very double; the buds nicely mossed and exquisitely fragrant. Altogether a most unique and desirable acquisition.

Strong plants, 40c each.

SPECIAL OFFER

One each of the two Roses, 75c.



Cumberland Belle

Annuals

We can also supply the following Annuals, grown from our own Select Seed. Good strong plants.

**ASTERS PHLOX MARIGOLDS VERBENAS BALSAMS
ZINNIAS STOCKS PETUNIAS SNAPDRAGONS**

Per doz 20c, postpaid. Larger quantities, price on application.

HARDY ROSES

Low Budded on Briar Stocks



The illustration shows the character of the plants we supply; also the method of planting and pruning them after being planted. If planted as shown in the illustration, these Roses, although budded, will emit roots where the true Rose joins the briar stock, and will eventually become established on their own roots. The great value of these budded roses lies in the fact that they produce better flowers and make stronger plants in a shorter period than those grown from cuttings; and the advantage is, that having no soil on the roots, and being dormant they are of little weight and can be sent cheaply by post or express.

HYBRID PERPETUAL ROSES

- Alfred Colomb**—A splendid rose; large, globular, full and very sweet; bright, clear cherry red, shaded with crimson.
- American Beauty**—The flowers are very double, of a deep crimson color, and very fragrant.
- Baron de Bonstettin**—Dark red, almost black; very large, double fragrant flowers; a strong grower.
- Baroness Rothschild**—A magnificent rose, color rich satiny pink.
- Captain Christy**—A lovely rose, blooming almost the entire season; very large double buds of deep flesh color.
- Coquette des Blancches**—Pure white, large and globular.
- Duchess of Albany**—Rich deep pink.
- Fisher Holmes**—Rich velvety crimson, large double, and of fine form.
- General Jacqueminot**—Brilliant scarlet crimson.
- Gloire de Margottin**—Dazzling scarlet.
- John Hopper**—Bright rose, carmine centre, flowers large, cupped.
- Jules Margottin**—Bright carmine, cupped, very fragrant.
- La France**—Splendid satin rose; large, fine form; a constant bloomer.
- Louis Van Houtte**—Dark velvety crimson, of good form.
- Marshal P. Wilder**—Cherry carmine, large, full, semi-globular flower.
- Mabel Morrison**—Pure white, in autumn fairly flushed with pink, a lovely and distinct rose.
- Madame Augustine Guinoisseau, or White Lafrance**—A beauty indeed, identical with "La France" except the color which is pearly white sometimes tinted with fawn.
- Marchioness of Londonderry**—Ivory white petals, of great substance, shell-shaped and reflexed, highly perfumed.
- Madame Gabrielle Luizet**—Fine satiny rose, very large and full.

Magna Charta—Bright pink, suffused with carmine; a beautiful rose; strong vigorous grower.

Margaret Dickson—The flowers are of the purest white, of extra large size and of immense substance; vigorous grower with fine foliage.

Merveille de Lyon—Pure white, shaded with satiny rose.

Mrs. John Lang—Delicate pink, with satiny tinge.

Paul Neyron—Very large dark red; and old favorite.

Prince Camille de Rohan—Deep velvety maroon, shaded scarlet.

Ulrich Brunner—Large bright cerise red.

White Baroness—Pure white.

Extra heavy two-year-old bushes 80c each, 4 for \$1.00, doz. \$3.00.

Special quotations on larger quantities.

12 SELECT EVER-BLOOMING HYBRID Tea Summer Roses

That will produce a mass of Roses to cut from the entire season

Augusta Victoria—Large creamy white flower, shading deeper towards the centre.

Camoens—Bright glossy rose-shaded yellow, very effective.

Clothilda Souper—The flowers of this beautiful variety are of a unique color, being of a pearly white, shaded at the centre with silvery rose, and are produced in the greatest profusion.

Etoile du Lyon—Fine striking sulphur yellow, the most valuable yellow for summer bedding.

Gloire des Polyanthes—Bright rose with white centre; very free bloomer.

Hermosa—Undoubtedly the best pink bedding rose in cultivation.

Mme. Caroline Testout—A magnificent rose; equally valuable for summer or winter blooming; flowers full, very large, globular form, color clear satin rose, very fragrant. This variety resembles Lafrance, but its color is more deep, vivid and brilliant.

Maman Cochet—It is an extra strong, clean, vigorous grower, producing its charming buds and flowers in the greatest profusion. Its color is of a deep rose pink, the inner side of petals silvery rose. They are borne on long stout stems, very double and simply exquisite when in bud or half bloom.

Marquise de Salisbury—Brilliant, velvety red, very desirable.

Mosella—Produces beautiful clusters of very double ball-shaped flowers which open like a Camellia; the color is a white tint on a beautiful light yellow ground.

Papa Gontier—One of the finest Roses either for out-of-doors or for winter forcing; dark carmine crimson.

Safrano—Saffron yellow.

Viscountess Folkestone—Creamy pink, salmon centre, large and fragrant.

Strong Flowering 2-year-old Bushes, 40c each \$4.00 doz.



Best White Ever-blooming Garden Rose, Augusta Victoria



Hybrid Perpetual—Margaret Dickson



White Lafrance

For Exterminating Insects on Roses use Rose Leaf Extract of Tobacco

HARDY CLIMBING OR PILLAR ROSES



Climbing or Pillar Rose—
Aimee Vibert

Strong two-year-old flowering bushes, 35c each; the set of 4 for \$1.25.

The following list comprises the best of the hardy Roses, which are of climbing habit, and suitable for training on pillars, verandahs, etc.

Aimee Vibert—A good rose Pure white, very full.

Chas. Lawson—Vivid rose, large and full.

Felicite Perpetue—Creamy white, beautiful.

Flora—Rosy flesh color.

Myrianthes Renoncule—Blush, edged with rose, an ever-green variety.

Reine Marie Henriette—Rich cherry crimson.

Sweet Briar—True old English, rosy pink.

Vivid—Vivid crimson, very showy, a fine climbing rose.

White Microphylla—Very free bloomer.

W. A. Richardson—Orange yellow, entirely new shade, very desirable.

Yellow Persian—Bright golden yellow, hardy yellow climbing rose.

Strong two-year-old flowering bushes, plants, 35c each, \$3.60 doz.

DAMASK ROSES

These four old Roses should be in every garden. Though they bloom but once a year, their fragrance, beauty, size, perfect hardiness and the abundance of flowers they produce make them indispensable.

Cabbage, or Provence—Rosy pink flowers.

Madame Hardy—Beautiful large double white flowers.

Madame Plantier—Pure white, and a free bloomer; unrivalled for hedges or cemetery use.

White Provence—Pure white, delightfully fragrant.

Moss Roses



Moss Rose

A class of Roses which is a general favorite. The beauty of the flowers consists in the delicate mossy covering which surrounds the bud, and which gives to the opening flower a unique appearance. The varieties listed comprise the best of this section, and are all perfectly hardy.

Blanche Moreau—Lovely pure white, large and full.

Comtesse de Murinais—Large white, beautifully mossed.

Crested Moss—Deep pink, crested.

Glory of Mosses—Color rich glossy pink, tinged crimson.

Salet—Bright pink, blush edge, large and full, mossy.

Mrs. Wm. Paul—Clear rosy.

Nuits de Young—Velvety purple, very double.

Strong two-year-old flowering bushes 30c each; set of 7, \$1.75.

Lord Penzance's Hybrid Sweet Briars

These are crosses between the Common Sweet Briar and various old-fashioned Garden Roses; the flowers are single or semi-double. The plants perfectly hardy, and the foliage is as sweetly scented as the Common Sweet Briar.

Amy Robsart—Lovely deep rose, an abundant bloomer, robust and free.

Anne of Gierstein—Dark crimson, graceful branching habit.

Lady Penzance—Beautiful soft tint of copper, with a peculiar metallic lustre; the base of each petal is a bright yellow, very free flowering, with a delicious perfume from foliage and flower.

Lord Penzance—Soft shade of fawn or ecru passing to the lovely lemon yellow in the centre, sometimes toned with a most delicate pink; very sweet-scented.

Lucy Ashton—Pretty white blooms with pink edges, not so large as some others, wonderfully free flowering; free grower, foliage very sweet.

We offer strong two-year-old budded plants of the above at 40c each, the set of 5 for \$1.75, doz \$4.00.



Lord Penzance's Sweet Briars

THE FOUR RAMBLERS

These climbing Roses are of vigorous growth, making shoots from 8 to 10 feet in height during a season, and are consequently most desirable climbing varieties; when pegged down or grown bushes, marvelous heads of bloom are the result. They are exceedingly hardy. The flowers are produced in large trusses of pyramidal form.

Crimson Rambler—Strong bushes at 25c each, \$2.50 doz. Extra strong two year old bushes at 40c each, \$4.00 doz.

Yellow Rambler (Aglaia)—Extra strong two year old bushes 40c each, \$4.00 doz.

White Rambler (Thalia)—Extra strong two year old bushes 40c each, \$4.00 doz.

Pink Rambler (Euphrosyne)—Similar in habit to the White and Yellow Ramblers except in color, which is a pure rose color, the partially open buds being bright carmine. The numerous yellow stamens lend an additional charm to the flowers. Strong two year old bushes 40c each, \$4.00 doz.

SPECIAL OFFER—One each of the 4 Ramblers, extra strong bushes, for \$1.35.

THE MEMORIAL ROSE (Rosa Wichuriana)

A beautiful single rose from Japan, blooms in clusters. Flowers fragrant, single, pure white, from 6 to 8 inches in circumference, with yellow stamens, followed in fall and winter with bright red fruit; prostrate trailing habit. Valuable for covering low walls, banks or rockeries, and for covering graves in cemeteries. It is perfectly hardy. Extra strong plants 40c each, \$4.00 doz.

ROSA RUGOSA

The lovely Romansa or Rugosa Roses form sturdy bushes 3 to 5 ft, in height

covered with glossy foliage, and clusters of beautiful single flowers, which emit a delightful odor. They bloom nearly the whole summer, and are covered during autumn and winter with red seed pods.

Rosa Rugosa—Fine glossy crimson. **Rugosa Alba**—Pure white. Extra strong plants 40c each, \$4.00 doz.

MARECHAL NEIL (Noisette)

A rose so famous as to hardly need a description here. The most beautiful large golden yellow grown; very full and double and exceedingly fragrant. It is a natural climber, and should not be pruned too short. We keep several sizes; the largest size gives the most satisfactory results. Two year old plants each 60c.



The Grand Rose, Crimson Rambler

Hardy Perennials

Achillea, The Pearl—The flowers, which are borne in the greatest profusion the entire summer on strong, erect stems, are of the purest white. Each 15c, doz \$1.50.

Achillea, Serrata, fl. pl.—Same as Achillea, the Pearl, but flowers later. Each 15c, doz \$1.50.

Anemone Japonica

They commence to bloom in August and increase in beauty until frost.

Alba—Flowers of the purest white with yellow centre.

Rubra—Showy rose-colored flowers, with distinct yellow centre.

Double White "Whirlwind"—Excellent double white flowers, 2½ to 3 inches across, held up on stems 10 to 12 inches long. Very desirable for cut flowers.

20c each; doz \$2.00

Anthericum Liliastrum (St. Bruno's Lily)—A beautiful plant with narrow grass-like foliage, and long spikes of white, fragrant, lily-like flowers. Each 20c, doz \$2.00.

Aquilegia Crysanthia (Yellow Flowered Columbine)—2½ feet high, forming a bush two or three feet across, which is covered for two months with golden yellow flowers with long spurs. Each 15c, doz \$1.50.

Arabis Alpina (Rock Cress)—Specially adapted for the rock garden, but succeeds equally well in the border, where it forms a dense carpet, which is completely covered early in the season with pure white flowers. Each 15c, doz \$1.50.

Bleeding Heart (Dicentra Spectabilis)—These pretty spring bloomers, with their graceful drooping sprays of heart-shaped pink and white flowers, are very ornamental, and bloom freely in early spring. Each 15c, 3 for 40c, doz \$1.50.

Campanula (Canterbury Bells)—Purple and white. Each 20c, doz \$2.00.

Chrysanthemum Indorum pl.—Hardy species with finely cut foliage and pure white double flowers one or two inches in diameter. Flowering from June till frost. 15c each.

Clematis

Davidiana—A

shrubby plant from two to four feet high, with fresh, bright foliage. Flowers are long, tubular, bell shaped of a deep lavender color, and of delicious fragrance. Each 25c, doz \$2.50.

Correopsis Lanceolata—(See Illustration)—This golden Correopsis begins to flower early in June, and continues to flower until cut down by severe freezing weather; it is continually one mass of golden yellow. It is easily grown, perfectly hardy and succeeds in any position; once planted takes care of itself. Large clumps, which will flower first season, 15c each, 3 for 25c, doz \$1.40, per 100 \$10.00

Dianthus Plumaris (Pheasant Eye Pink)—Of dwarf, compact habit, blooming the entire summer; violet rose with deep crimson centre. Each 15c, doz \$1.50.

Dictamnus Fraxinella—A very showy border perennial, forming a bush about 2½ feet high, having fragrant foliage and spikes of curious red flowers, giving off during hot weather a fragrant, volatile oil, which explodes when a match is applied to it. Each 25c, doz \$2.50.



Columbine or Aquilegia



Gypsophila Paniculata
(Baby's Breath)

Delphinium (Hardy Larkspur)—The hardy Larkspurs are one of the most important and most satisfactory plants in the herbaceous garden, and should be planted extensively even in the smallest garden. Their long spikes of various shades of flowers are produced continuously from June until late in the fall, if the precaution is taken to remove the flower stems before they can produce seed. Each 15c, 2 for 25c, doz \$1.50.

Digitalis (Foxglove)—Stately growth, fine for shrubberies and other half-shady places; three feet. Each 15c, doz \$1.50.

Doronicum Excelsum—A strong growing perennial with large heads of bright yellow flowers 3 to 4 inches in diameter. Each 25c, doz \$2.50.

Eulalia Japonica Zebrina (Zebra Striped Grass)—Variegated, having bars of yellow running crosswise, not longitudinally as in the ordinary form of variegation; easily grown. Each 20c, doz \$2.00.

Eulalia Japonica, Variegata—The long blades of this variety are striped green, white, and often pink or yellow, flower stalks 4 to 6 feet high. It makes a very attractive specimen plant for the lawn. Each 20c, dozen \$2.00.

Funkia Alba (Day Lily)—Pure white lily-shaped, fragrant flowers, borne in large clusters. Each 20c, doz \$2.00.

Gaillardia Grandiflora—(See Illustration)—The flowers are large, very numerous, produced on long stems and excellent for cutting, and of the most gorgeous coloring. The centre is dark red brown, while the petals are variously marked with rings of brilliant scarlet, crimson, orange and vermillion, and often a combination of all these colors in one flower. Each 10c, 3 for 25c, 12 for \$1.00.

Gypsophila Paniculata (Baby's Breath)—A beautiful old-fashioned flower, possessing a grace not found in any other perennial. When in bloom it forms a symmetrical mass of minute pure white flowers, forming a beautiful gauze-like appearance. For cutting purposes it is exquisite, especially in combination with high-colored flowers. 20c each, 3 for 50c, doz \$2.00.

Heuchera Sanguinea—About two feet high. The flowers are produced in loose, graceful spikes, and come in the greatest profusion. In color it varies from light coral red to crimson. Each 20c, 3 for 50c, doz \$2.00.

Hemerocallis Flava (Lemon Lily)—Lemon colored flowers, excellent for planting among shrubbery. Each 15c, doz \$1.50.



Perennial Larkspur

SPECIAL OFFER

—OF—

6 Good Perennials

Correopsis Lanceolata
Gaillardia Grandiflora
Perennial Phlox
Columbine or Aquilegia
German Iris
Chinese Pæony

ONE PLANT EACH

80c Postpaid



Gaillardia
Grandiflora

Helianthus Multiflorus, fl. pl. (Double Hardy Sunflower)—An extremely useful, hardy plant. It bears profusely large double flowers of a bright yellow color. Each 15c, doz \$1.50.

Hibiscus (Perennial Mallow)—The flowers are 6 to 8 inches in diameter, and vary in color from pure white to deep rose. The plants grow from 5 to 8 feet high and form dense bushes, which are a complete mass of bloom. Each 20c, 3 for 50c, doz \$2.00.

Hypericum Moseirianum—A new evergreen shrub 2½ feet high, which is covered with large flowers from May until fall. They are about 2½ inches in diameter, of the richest pure golden yellow, while the petals are of great substance. It is really an EVER BLOOMER. Each 20c, doz \$2.

HOLLYHOOKS DOUBLE—Hollyhocks are among the finest permanent garden plants, making a great display with little or no care. Double White, Yellow, Pink, Crimson and Scarlet. Price for two-year-old plants 20c each, doz \$2.00. We can also supply good plants at 15c each, 4 for 50c, \$1.50 per doz.

Lychnis Chalcadonica—Produces head of vermillion scarlet flowers, exceeding in brilliancy many double Geraniums. Each 20c, doz \$2.00.

Lychnis Plenissima Semperflorens—The flower of a beautiful tender rose color, is produced on long bushy spikes. It is very pretty for bouquets and we recommend all to try it. Price 20c each, doz \$2.00.

IRIS (Fleur-de-Lis)

Japan Iris (Iris Kempferi)—In beauty, size of flower, and richness of coloring, these Irises are grand, the flowers averaging from 6 to 8 inches across, the prevailing colors being white, crimson, rose, lilac, lavender, violet and blue. A golden yellow blotch, surrounded by a halo of blue or violet, at the base of petals, intensifies the wealth of coloring. The Japan Iris is perfectly hardy.

Named Varieties—Price 20c each, 3 for 50c, doz \$2.00.

Mixed Varieties—Strong roots 15c each, 3 for 40c, doz \$1.50.

Iris Germanica—German Irises are certainly unparalleled for beauty; nothing in creation can vie with them unless the orchids from the tropics. Every shade of color may be

found among them, and they will thrive in almost any soil without any care whatever. Strong roots 10c each, 3 for 25c, 80c doz.

Iris Florentina—One of the earliest of the Iris family to bloom. Large flowers of a rich creamy white sometimes shaded violet. 5c each.

PEONIES

Magnificent, hardy plants, almost rivalling the rose in brilliancy of color and perfection of bloom. Some of the varieties are very fragrant. They are perfectly hardy, require little or no care, and produce larger and finer blooms when well established.

Herbaceous Chinese—Double White—Each 25c, 5 for \$1, doz \$2.

Double Rose—Each 25c, 5 for \$1.00, doz \$2.00.

Finest Double Mixed—Each 25c, 6 for \$1.00, doz \$1.75.

Pæonia Officinalis—This type is one of the earliest to flower, coming in fully a week earlier than the general list of herbaceous sorts. We offer two distinct colors. All are strong growers and produce very large blooms. **Rubra**—rich crimson; **Alba**—blush white. 80c each, \$3.00 doz.

Pæonia Tenuifolia—Interesting and handsome, not only on account of their rich crimson flowers, which resemble in color the Gen. Jacqueminot Rose, but the fine feathery foliage makes them a handsome ornamental plant, even if they never produced a flower. Always scarce and much sought after. (See cut.) **Double Flowering**—80c each, \$3.00 doz.

Tree Pæonies—Instead of dying down to the ground every winter, like the herbaceous variety, it grows into a hard-wooded shrub. The flowers are the same in form as the common variety, but of a light pink or blush color. Strong plants 75c.



Chinese Pæonia



Pæonia Tenuifolia

MYOSOTIS (Forget-me-not)

Palustris Semperflorens—A variety that is hardly ever out of flower; useful on the rockery or in a shady spot in the border. 20c each, doz \$2.

PENTSTEMON GENTIANOIDES

Graceful in growth, while the elegant beauty of their pyramidal spikes of the large Gloxinia-like flowers elicits the admiration of all. 20c each, \$2.00 doz.

ICELAND POPPIES

These Poppies range in color from the purest satiny white and yellow to the deepest glowing orange-scarlet, and have a delicious lilac-like fragrance, blooming from June to October. Mixed colors, each 15c, doz \$1.50.

ORIENTAL POPPY

Large flowers, 6 inches across, of the brightest imaginable scarlet height 3 to 4 feet. 20c, each, \$2.00 doz.

PHLOX

Their large and very brilliant trusses of beautiful flowers comprise all shades of color, from white to crimson, striped and mottled. Divide and replant in freshly prepared soil each alternate year. They delight in sunny situations, and a rich soil.

Champs Elysee—Rich purplish crimson.

Changy—Rich rose, dark centre.

Chas. Turner—Purplish rose.

Cross of Honor—Striped pink and white.

Edgar Quinet—Rich salmon red.

E. Levasseur—Dwarf white.

L'Esclairmond—Lilac, mottled white.

Mad. de Vatismoul—White, with pink eye.

Mad. Moisset—Pink, crimson centre.

Mad. Laisson—Blush.

Pearl—Finest white.

Premier Muston—Rose, dark eye.

Richard Wallace—White with purple centre, fine.

Ruy Blas—Purple.

Sir Edwin Landseer—Very fine, rich crimson.

Virgo Marie—White, early.

Each 15c, 6 for 75c, doz \$1.50.

Phlox Amœna—A dwarf-growing species, attaining a height of only 6 inches, completely covered with bright

pink star-like flowers during April and May. 15c each, \$1.50 doz.

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Perennial Phlox

GARDEN PINKS

Albino—Large white.

Alice Lee—Cream or blush white.

Her Majesty—Extra fine white.

Each 15c, 4 for 50c, doz \$1.50.

Homer—Rosy red, dark centre.

Souvenir de Salé—Rich pink.

Brunette—deep crimson.

Each 15c, 4 for 50c, doz \$1.50.

PYRETHRUMS

Double—Hardy Chrysanthemums in beautiful double varieties. Each 25c, doz \$2.50.

Single—Hardy Chrysanthemums in beautiful single varieties. Each 25c, doz \$2.50.

Uliginosum (Giant Daisy)—Pure white Aster-like flowers, about three inches in diameter. Each 20c, doz \$2.00.

RUDBECKIA "Golden Glow" Attaining a height of 4 to 6 feet. It begins to flower early in the season and continues until late in the fall. The flowers are produced in enormous quantities on long stems and resemble a fine double golden-yellow Cactus Dahlia. 15c each, 4 for 50c, \$1.50 doz.

SPIREA FILIPENDULA fl. pl. (Double-flowered Drop-wort) Numerous corymbs of double white flowers and pretty fern-like foliage. Each 20c, 3 for 50c.

SWEET WILLIAM Mixed colors. Each 15c, doz \$1.50.

THALICTRUM ADIANTIFOLIUM (Maiden Hair Thalictrum)—A beautiful plant rivalling the Maiden Hair Fern in the delicacy of its foliage, but hardy. Each 25c, doz \$2.50.

TRITOMA UVARIA Often called the "Torch Lily" or "Red Hot Poker," on account of its dense spikes of flame-colored flowers. It blooms in August, and is very striking when planted singly on the lawn. Each 20c, 3 for 50c, doz \$2.00.

VALERIANA OFFICINALIS (Garden Heliotrope)—Large trusses of lavender flowers, three feet high. Each 25c, doz \$2.50.

VIOLET CALIFORNIA The finest single violet. The flowers, which are very large, are borne on long stout stems, which makes it especially valuable for cutting; they are very fragrant and of a clear violet purple color. Plants 15c each, \$1.50 doz.

VIOLET, DOUBLE RUSSIAN A perfectly hardy double blue violet, deliciously fragrant, deep in color, and very free flowering. Each 20c, doz \$1.50.

VIOLET, THE FARQUHAR An exquisite ever-blooming violet, with very long stemmed double flowers of a deep color. Each 20c, 4 for 50c, \$1.50 doz.

SPECIAL OFFER—We will supply from the above list, our selection, choicest kinds, one dozen plants for \$1.50.

CLEMATIS



Type of Large Flowering Clematis

Jackmanni Alba—Fine pure white.
Lawsoniana—Purple, darker veins.
Madame Van Houtte—White, fine.
Mad. Baron Veillard—Light rose, shaded lilac.
President—Satin blue.

EACH 60c, PER DOZ. \$7.00.

Fragrant and Small-Flowered Clematis

PANICULATA (Sweet-Scented Japanese Clematis)—A vine of very rapid growth, quickly covering trellises and arbors with handsome, clean, glossy green foliage. The flowers are of medium size, pure white, borne in immense sheets, and of a most delicious and penetrating fragrance. These flowers appear in late September, at a season when very few other vines are in bloom, being an added merit of great consequence. Good strong plants, each 25c, 5 for \$1.00; 3-year-old plants, each 50c.

Flammula "Fragrant Virgin's Bower"—This is an old and well-known species; flowers pure white, deliciously fragrant. The plants attain the height of 20 feet, and when trained on trellis work, and in full bloom, look like a mass of snow; hardy. Each 30c, per doz \$3.00.

Clematis Virginiana—A rapid, strong-growing variety, producing a profusion of white flowers during July and August. Each 30c, 4 for \$1.

Clematis Coccinea—A very handsome, hardy climber, bearing thick bell-shaped flowers of a bright coral red color; blooms with wonderful profusion from June until frost. Each 60c.

Clematis Crispa—A very beautiful species, bearing an abundance of pretty bell-shaped, fragrant, lavender flowers with white centre. Blooms from June until frost. Each 35c, 2 for 60c.

Plant in a sunny spot in good garden soil dug very deep. We recommend the application of well-rotted manure in holes a few inches away from the plant in opposite directions. The feeding roots reach out to these holes, which may be watered freely, with better success than when the manure is applied directly to the base of the plant.

Large Flowering Varieties

Henryi—Creamy white, large and handsome.

Duchess of Edinburgh—The best of the double pure whites, deliciously scented.

Gypsy Queen—Very finest purple variety; strong, free bloomer.

Boskoop Seedling—Large lavender.

Jackmanni, Large-Flowering—This variety with its strong, healthy growth, hardy nature, and rich, deep velvety purple flowers, is the most satisfactory of its class. Blooms with astonishing profusion from July to November on shoots of the present season; should be pruned early in spring.



Clematis Paniculata



Ampelopsis Veitchii (Boston Ivy)

AKEBIA QUINATA

A perfectly hardy, fast growing Japan vine, with magnificent foliage, producing flowers in large clusters of chocolate purple color, possessing a most delicious perfume; unsurpassed for covering trellises and verandas, the foliage never being attacked by insects. Each 50c.

HARDY PASSION FLOWER

Constance Elliott—An excellent climbing vine. The flowers are large, remarkably handsome and attractive, highly perfumed. Color pure ivory white with raised centre. Hardy in open ground if given a light covering of leaves or litter during the winter. Each 25c, doz \$2.50.

BIGNONIA (Trumpet Creeper)

For covering unsightly places, stumps, rock-work or planting in crevices in ledges, the Bignonias will be found very useful. The flowers are large, attractive and showy, borne profusely when the plant attains a fair size.

Grandiflora—Large flowered Trumpet Creeper, bearing blooms of orange red color. Each 50c.

Radicans—Dark red, orange throat; free blooming and very hardy. Each 40c, 3 for \$1.00.

HONEYSUCKLES

Monthly Fragrant (Halleana)—Beautiful variegated flowers; blooms all the summer. Strong plants each 50c.

Scarlet Trumpet—A strong, rapid grower; bright scarlet flowers, blooms all the summer. Strong plants, each 50c.

Yellow Trumpet—A very robust rapid grower; yellow flowers, blooms all the summer. Strong plants each 50c.

CHINESE WISTERIA

This is one of the most popular of our hardy vines, growing very rapidly, climbing to a height of 50 feet or more; when in bloom is truly magnificent. It flowers in early spring in long, drooping racemes, resembling in size and shape a bunch of grapes.

Blue—Flowers in clusters, pale blue, sometimes gives a second crop of flowers in fall. Strong plants each 50c.

White—Flowers in long drooping clusters, as in blue varieties, pure white color, most striking. Strong plants, each 50c.

ARISTOLOCHIA SIPHO

Dutchman's Pipe—A vigorous growing vine with heart-shaped leaves and curious pipe-shaped flowers; one of the very best climbing vines known. Hardy, rapid grower, best for porches, verandas, and sides of dwellings. 1st size, each 50c, doz \$5.00; 2nd size, each 30c, doz \$3.50.

ENGLISH IVY

A splendid evergreen, well-known climber, glossy green leaves, cling firmly to stone or brick walls. Each 25c, doz \$2.50.

JACK-AND-THE-BEAN-STALK VINE

Pueraria Thunbergiana, or Japanese Kudzu Vine—The most rapid-growing vine in cultivation, attaining, after once being established, a height of 50 feet or more in one season. Its foliage is large and furnishes dense shade; it bears small racemes of rosy-purple pea-shaped blossoms towards the close of August. 40c each, 3 for \$1.00.

BOSTON IVY

Ampelopsis Veitchii (Boston Ivy)—This very attractive clinging vine will be readily recognized by our readers when we remind them that its glossy ivy leaves overlap each other, and its long delicate young shoots stretch up the stone walls of our finest city residences. The tendrils at nearly every joint cling firmly to the smoothest surface of rock or wood. The glossy leaves assume in Autumn the most beautiful tints of scarlet and crimson. It is quite hardy, but some protection of straw may well be used immediately around the plant in winter. We quote many sizes. Small plants 20c, 3 for 50c, 7 for \$1.00; strong plants 40c, 3 for \$1.00, doz \$3.75.



Bignonia Radicans



Aristolochia Siphon



Honeysuckle

VIRGINIA

CREEPERS

A very well-known rapid-grower; like the Bignonia and Ivy it throws out roots at the joint, by which it fastens itself to anything it touches. Small plants 20c; large, strong plants 40c, doz \$4.50.

PLEASE NOTE.—Our Climbers are not rooted cuttings, but strong field-grown vines

ORNAMENTAL SHRUBS

Positively no Shrubs or Ornamental Trees sent out C. O. D.

Price extra strong Shrubs each 50c · doz \$5.00

Almond, Dwarf Double Flowering (*Amygdalis*)—Well known, covered in spring with pink flowers like double roses; showy.

Azalea Mollic—A beautiful species from Japan, with large flowers of various shades of yellow, orange, carmine, etc. Strong plants to bloom the first year.

Barberry—(*Berberis Vulgaris*)—Handsome yellow flowers and pink fruit, good for preserving.

Barberry, Purple-leaved (*Berberis Vulgaris purpureus*)—A handsome variety with purple foliage; very ornamental and distinct.

Burning Bush (*Euonymus Europæus*)—Pods covered with scarlet seeds during autumn and winter.

Chionanthus Virginica (*White Fringe*)—A tall-growing native shrub, blooming profusely in June. The singular flowers resemble bunches of white silken fringe hung gracefully among the foliage.

Clethra Alnifolia (*Sweet Pepper Bush*)—White fragrant flower spikes.

Deutzia, Gracilis—Slender branches, pure white flowers.

Deutzia Crenata—Double white flowers tinged red.

Exochordia Grandiflora (*Spiræa*)—A vigorous-growing shrub, forming a neat, compact bush 10 to 12 feet high; can be trimmed into any desired shape. The flowers are borne in slender racemes of 8 to 10



Lilac Blossom

florets each, on light and wiry branches that bend beneath their load of bloom, it is perfectly hardy, flowers pure white.

Filbert, Purple-leaved—Remarkable purple leaves, distinct and fine.

Fringe, Purple, or Smoke Tree (*Rhus Cotinus*)—Has very curious bloom, which, when covered with dew, resembles a cloud of smoke or mist.

Golden Elder (*Sambucus nigra var. aurea*)—A handsome variety, with golden yellow foliage, a valuable plant for enlivening shrubberies.

Hydrangea Paniculata Grandiflora—This is the finest hardy shrub in cultivation, and endures heat and cold. The flowers, which are borne in dense pyramidal panicles in the greatest profusion, are white when they first open, but gradually change to rose color and remain in good condition for weeks. Price, 1st size 75c, 2nd size 50c, 3rd size 25c.

Honeysuckle, Tree-Shaped or Tartarian—Desirable shrubs with handsome dense foliage, and covered in May with profusion of delicate small flowers, followed by rich orange-colored berries.

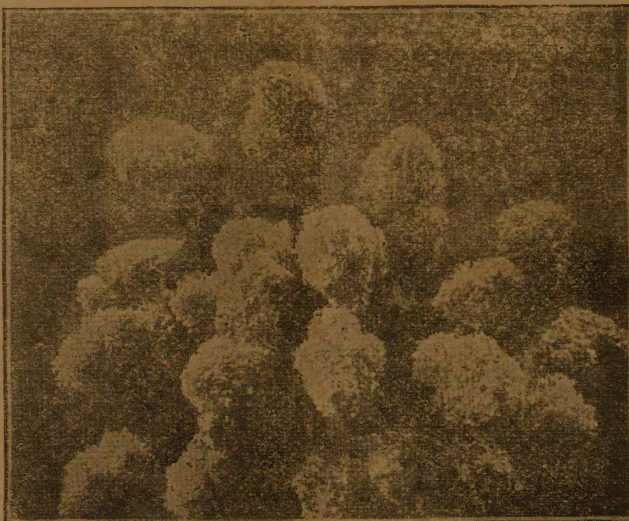
Lilac, White, Red and Purple (*Syringa Vulgaris*)—Well-known, handsome large shrubs. Flowers in clusters, exceedingly fragrant and beautiful.

Lilac, White Persian—Slender growing shrubs, more delicate and graceful than the above; white flowers, very handsome and fragrant.

Privet, Laurel-leaved—A handsome shrub, with spikes of white flowers in June, and clusters of black berries like currants; makes a beautiful hedge.

Prunus Triloba—A new large shrub from China, with slender branches and pink flowers in profusion.

Quince, Japan (*Pyrus Japonica*)—A shrub with spreading branches like the common Quince, but which presents a splendid appearance in May, when covered with large, brilliant scarlet flowers.



Hydrangea Paniculata Grandiflora

cemosus)—Pink flowers in summer, large, white waxy berries in autumn.

Weigelia Amabilis or Splendens—Resembles Rosea, leaves and flowers somewhat larger.

Weigelia, Variegated Leaved—Leaves variegated, flowers rose color.

Weigelia Van Houttei—A hardy, vigorous-growing sort, bearing a profusion of deep rose colored flowers in May and June.

Weigelia Rosea—A hardy handsome Chinese shrub, blossoming in June; flowers a beautiful blush, changing to a deep rose color.

Spiræa Van Houttei

Spiræa, Anthony Waterer—Flowers bright crimson, finest of all crimson varieties.

Spiræa Prunifolia (*Bridal Wreath*)—Handsome shrub, white daisy-like flowers in May; one of the best.

Spiræa Eximea—Flowers a bright rose, blossoms in July.

Spiræa Van Houttei—Large clusters of white flowers hanging in graceful racemes.

Spiræa Bumaldi—Red, blossoms a long time.

Syringa (*Philadelphus or Mock Orange*)—Several kinds, well-known, hardy desirable shrubs, with handsome white flowers, some quite fragrant.

Syringa, Golden Leaved (*Philadelphus aurea*)—Pretty plant of medium size. Golden-yellow foliage; retains its color the entire season; valuable for creating contrasts with green and purple-leaved shrubs.

Snowball (*Viburnum Sterillis*)—An old favorite spreading shrub; covered in June with handsome white flowers.

Snowball, Chinese (*Viburnum Plicatum*)—from North China; has rich deep green foliage and pure white flowers; quite distinct from the common sort.

Snowberry (*Symphoricarpos Racemosus*)—Pink flowers in summer, large, white waxy berries in autumn.

ORNAMENTAL TREES

Upright Deciduous Trees

Ailanthus (*Tree of Heaven*)—Tall and rapid growing, feathery foliage.

Ash-Leaved Maple—Hardy, rapid grower, leaves resembling the Ash.

American Sweet Chestnut—Unrivalled for its symmetrical form, rich, glossy foliage, and long pendant blossoms.

Black Walnut—Majestic form, foliage beautiful.

Butternut, or White Walnut—A fine, hardy tree, producing nuts.

Hardy Chestnut—A well-known tree, with an abundance of flowers.

Hardy Catalpa—Rapid grower, with immense leaves, often measuring one foot in width by two feet in length. Suited to all soils.

European Larch—Rapid growing pyramidal tree; branches drooping.

Maiden Hair Tree—Rapid growth, rich, glossy, fern-like foliage.

Mountain Ash—Hardy; covered with clusters of scarlet berries.

Mulberry—A fine, rapid growing tree, with delicious fruit.

Oak-Leaved Mountain Ash—Hardy, foliage simple, deeply lobed.

Poplars—Each 35c.

Silver Maple—Norway Maple.—Sycamore Maple.

Thorn—Paul's Double Scarlet. Flowers large, deep carmine scarlet.

Thorn—Double white flowering.

Price, except where noted, 75c each, \$7.00 doz.

Weeping Deciduous Trees

Cut Leaved Weeping Birch—Vigorous and hardy. Price \$1.50 each.

Kilmarnock Weeping Willow—Exceedingly graceful, with large, glossy leaves; hardy. Price, \$1.00 each.

Weeping Mountain Ash—A beautiful tree, with straggling weeping branches. Price \$1.00.

Weir's Cut-Leaved Maple—A variety of silver maple, with cut or dissected foliage. Price 75c each.

Hedge Plants

Privet—A handsome shrub, with spikes of white flowers, 18 to 24 inches high. Per doz \$1.00, per 25 \$1.50, \$5.00 per 100.

Box, Dwarf—Used principally for borders and edging, for which purpose it is the best plant in cultivation. 15c each, \$1.50 doz, \$10.00 per 100.

Evergreen Trees

Arbor Vitæ (*American*)—Commonly known as cedar; fine for hedges. Height Each Doz 100

Arbor Vitæ (*Pyramidalis*)—Tall and compact

Arbor Vitæ (*Hovey's Golden*)—Light green with golden tinge

Arbor Vitæ (*Siberian*)—Very hardy, full foliage, fine for hedges

Arbor Vitæ (*Globosa*)—Dense, globe-shaped, fine for cemeteries

Juniper (*Irish*)—Fine for pyramidal effects

Juniper (*Japanese*)—Dwarf, dense light green foliage

Austrian Pine—Strong, hardy grower

Scotch Pine

Norway Spruce

Special prices on application for larger quantities

SIMMERS' SELECT LIST OF NURSERY STOCK

NOTE.—The risk of failure is the purchaser's. We ship stock in good order, beyond which we have no further control.

Positively no Trees Sent Out C.O.D.

STANDARD APPLES

STANDARD APPLES are intended for orchards, and are usually planted when 5 to 7 feet high. The varieties in this list can be recommended as **THE BEST** now in cultivation in Canada.

Summer Apples

Astrachan Red—Large, roundish, nearly covered with crimson and thick bloom; rich, acid; hardy tree, vigorous grower, good bearer, August.

Early Harvest—Medium to large size, yellow tender, with a mild flavor; a good bearer, August.

Tetofsky—A Russian variety, profitable for market growing; bears usually the second year, and bears every year; hardy as a crab; fruit good size, yellow, beautifully striped with red; juicy, pleasant, acid, aromatic, July and August.

Yellow Transparent—Rich, transparent lemon yellow color. Flesh melting, juicy, pleasant sub-acid. Ripens ten days earlier than Earliest Harvest. Price 30c each, \$3.50 doz.

Autumn Apples

Alexander—Very large and beautiful, deep red and crimson; one of the most showy apples in cultivation, and very productive, Oct. and Nov.

Colvert—Large, with a handsome red cheek; rapid grower and hardy. November.

Duchess of Oldenburg—Large, beautiful, roundish, red and yellow; tender and juicy; bears young and profusely. Very hardy.

Fameuse—Commonly known as "Snow." Hardy. October and November.

Gravenstein—Large, striped, round; first quality. Hardy, productive and generally esteemed. October.

Haas Queen—Large, slightly conical, splashed and mottled with light red; flesh white, sub-acid. The tree is the fastest grower we have.

St. Lawrence—Large, red and yellow; crisp, vinous, tender; good. Free grower. October.

Twenty Ounce—Very Large, showy, prolific, well-known. Price 30c each, \$3.50 doz.

Winter Apples

Baldwin—Large, brown red, very prolific. Jan. to April.

Ben Davis—Vigorous, large, moderately juicy, sub-acid; the trees bear well. Dec. to Feb.

Ontario—A cross between Northern Spy and Wagener, possessing all the good qualities of the former, with the early and profuse bearing of the latter. Jan., Feb. and March.

Wagener—Moderate grower, bears very young and profusely; yellow and crimson; juicy, sub-acid. January

Golden Russet—Vigorous, medium, crisp, juicy, mild, sub-acid, hardy, very good, long keeper. Nov. to May.

King of Tomkins—A very large, red apple; tree grows and bears well. November to May.

Northern Spy—Vigorous and hardy, large, striped red, tender, juicy, mild, sub-acid. Late.

Mann—Medium to large; deep yellow, juicy, mild, pleasant, sub-acid; hardy. Good grower. January to April.

Pewaukee—Vigorous, hardy, bright yellow, with red; tender, juicy, sub-acid. January to May.

R. I. Greening—Large, green, fine grained, rich, sub-acid. A little tender in northern sections. Late.

Talman Sweet—Hardy and vigorous; medium; yellow, firm, rich, sweet. November to April.

Tulpehocken—Strong grower, productive, juicy, crisp, pleasant flavor; very large, globular; yellowish green, dull red cheek. January to March.

Wismer's Dessert Apple—Fruit medium to large smooth, round, beautifully colored with yellow, and shaded with bright red in stripes and blotches. Season winter, keeping well till March, and later.

Sold only under originator's seal, \$1.00 each

Walbridge—Vigorous, hardy, productive, medium size; yellow and red; crisp, juicy, good. January to May.

Wealthy—Free in growth and very hardy; large, dark red; juicy, vinous, sub-acid, good. December to March.

Price of the above 30c each, \$3.50 doz.

CRAB APPLES

General Grant—A beautiful Crab for ornament and preserving, and for eating out of hand. Color red; fruit is large, tender and juicy.

Hyslop—Vigorous, large, deep crimson, sub-acid. September.

Transcendent—Vigorous, medium, red and yellow, a beautiful variety of the Siberian class. September.

Whitney's Seedling—New, large, handsome splashed with carmine, fine quality; heavy, yearly bearer. Sept. and Oct.

Price 50c, \$5.50 doz.



STANDARD PEARS

STANDARD PEARS are grown upon Pear stocks and Dwarfis upon Quinces.

Summer Pears

Bartlett—Vigorous, large, yellow and red, juicy, buttery, with rich musky flavor; very good. Sept.

Brandywine—Free grower, medium size, yellow and russet, melting, juicy, good. August.

Clapp's Favorite—A cross between Bartlett and Flemish beauty; fruit resembles the former.

Tyson—Medium, yellow and russet, melting, juicy, sweet, free, vigorous grower and good bearer. August.

Wilder Early—Handsome, delicious early Pear. August. Price 50c each, \$5.50 doz.

Autumn Pears

Duchess D'Angouleme—One of the very largest Pears grown; greenish yellow, sometimes a little russeted. October and November.

Flemish Beauty—Large, beautiful, juicy, melting, rich, strong grower, good bearer. Sept. and Oct.

Kieffer—Large, rich, golden slightly coarse juicy, with pronounced Quince flavor. October and November.

Seckel—Medium brown, highest flavor. September and October.

Sheldon—Large, russet and red, melting, rich, delicious, hardy, vigorous and productive. October. Price 50c each, \$5.50 doz.

Early and Late Winter Pears

Anjou—Very large, pyriform, greenish yellow, buttery and juicy. November and December.

Clargeau—Very large, handsome and showy; yellow and red, juicy, vinous, valuable for market. November and December.

Lawrence—Medium to large, golden yellow, melting, pleasant, aromatic. Nov. and Dec. Price 50c each, \$5.50 doz.

PEACHES

Crawford's Early—A superb yellow Peach of good quality; a productive and early sort. Sept.

Crawford's Late—Resembles Early Crawford, but later.

Early York—Medium size, white, with purplish red cheek; one of the best. July.

Early Rivers—Large, color creamy white, with a delicate pink cheek; melting, rich and juicy.

Early Canada—A seedling raised by Abraham High, Jordon, Ont., resembles the Alexander and ripens about the same time.

Price 35c each, \$4.00 doz.



CHERRIES

Cherries succeed well on dry soil, can be trained in any form that taste or circumstances require.

May Duke—An English variety of large size. Tree erect and hardy. Fruit rich and good. Middle of June.

Black Tartarian—Large, mild, pleasant flavor, purplish black, good bearer. End of June.

Early Richmond—Medium red, juicy, acid. June

English Morello—Large, dark red, sub-acid, good.

Governor Wood—Medium large, clear light red juicy and delicious. End of June.

Yellow Spanish—Large, pale yellow with red cheek, juicy, delicious and sweet. End of June.

Louis Phillippe—Large, dark, juicy, with a mild sub-acid flavor, tree vigorous, hardy and productive. Best.

Montmorency Large—Light red, sub-acid, great bearer, very hardy, one of best. First July.

Napoleon—Very large, pale yellow with red cheek firm, juicy, sweet, very good. First July.

Olivet—Large, deep red, vinous, sub-acid, hardy Middle July.

Windor—Of Canadian origin, vigorous and hardy, large, liver colored, valuable. End July.

Price 50c each, \$5.50 doz.



PLUMS

Plant 18 ft. apart on good substantial soil. The stock we offer is very fine, unexcelled in thriftiness.

Bradshaw—Very large, dark violet red, juicy, sweet and good, one of the best. August.

Coe's Golden Drop—Large, yellow, sweet. September.

Imperial Gage—Excellent, large, pale green. August.

Beauty of Naples—New, large, greenish yellow, highest flavor, tree very hardy and prolific. Middle September.

Moore's Arctic—Medium, purplish-black, juicy, sweet, heavy bearer and extremely hardy.

Yellow Egg—A well-known large plum, firm, sub-acid, and fine for cooking.

Lombard—A rampant grower, and wonderfully productive, medium, violet red, good. Sept.

Pond's Seedling—A magnificent English, light red plum, good grower, abundant bearer. Sept.

Shipper's Pride—Large, often measuring 2 in. each way, being nearly round; excellent for canning. September.

Goliath—A very large purple plum, rivalling the peach in beauty; hardy and productive. \$1 each.

Glass' Seedling—A hardy Canadian variety of large size and good flavor; deep purple. September. Price 50c each, \$5.50 doz. (85)



HARDY GRAPE VINES

It is not safe to send these roots after the leaves have started, as the close packing required to protect the roots injures the foliage and often kills the plant; we would therefore ask our customers to kindly send us their orders as early as possible, and to reach us not later than the 20th May, as after that date they usually begin to leaf. Nearly all of these roots are grown in open ground, and consequently cannot be forwarded until the frost is sufficiently clear in spring to lift them; they will be forwarded as soon after as possible, and when the plants are in best condition for safety.

BLACK GRAPES		Price each	Per	
		postpaid	doz.	Per 100
Worden —Best black grape, seedling of Concord, larger, delicious, much earlier, very reliable.....	25	\$2 00		\$7 00
Herbert —(Rog. 44)—Earlier and sweeter than Wilder	25	2 00		7 00
Moore's Early —Earliest good black grape, very large	25	2 00		7 00
Wilder —(Rog. 4)—largest black, very fine	25	2 00		7 00
Campbell's Early —Strong, hardy, vigorous, a fine variety.....	40	4 00		
RED GRAPES				
Lindley —(Rog. 9)—Best red, very delicious	25	2 00		7 00
Agawam —(Rog. 15)—Very large, vigorous and a great bearer.....	25	2 00		6 00
Delaware —Red, well-known sort, delicious and productive.....	25	2 00		9 00
Brighton —Finest quality of all out-door grapes, dark red.....	25	2 00		7 00
WHITE GRAPES				
Niagara —Finest large white grape, very sweet.....	25	2 00		6 00
Moore's Diamond —Greenish White, compact bunches, berries size of Concord.....	25	2 00		8 00
Green Mountain —(Winchell)—Early as Jessica, larger, more vigorous	35	3 00		12 00

All vines two years old and well rooted.

FOREIGN GRAPE VINES—(For culture under glass)

Black Hamburg	Madresfield Court
Muscat Hamburg	Bowood Muscat
Duchess of Buccleugh	Foster's White
Lady Downs	

Fine 2-year old vines. Price on application.

Blackberries

	Each	Doz.	100 at
		post-	purch'r's
		paid	expense
TAYLOR'S PROLIFIC —Largest of all hardy sorts very productive and delicious.....	10	75	\$4 00
Gainor —Fair size, hardy and productive.....	10	75	4 00
Erie —Very early and large, strong grower and great bearer.....	10	75	4 00
Western Triumph (new)—Hardy, very productive, free from rust, jet black, medium size.....	10	75	4 00
Snyder —Extremely hardy, enormously productive, medium size.....	10	75	4 00
Stone's Hardy —Very hardy and good quality	10	75	3 00
Rathbun —Extra hardy, large, very productive	20	1 50	

Raspberries

We send out extra strong canes. Smaller sizes can be quoted much lower on application.

RED VARIETIES		Each	Doz.	100 at
			post-	purch'r's
			paid	expense
JAPANESE RASPBERRY (Wineberry) —Something like the raspberry in growth and hardness, bears in clusters. Plants.....	15	\$1 50		\$3 00
SCHAFER'S COLOSSAL —Reddish brown to purple, very large.....	10	1 00		5 00
Columbian —New purple color, firm.....	10	1 00		5 00
Loudon —Enormously productive, has no equal, does not seem to have a fault.....	10	1 00		6 00
Miller —New, of great value, very early, firmest and best shipping berry in existence.....	10	75		2 50
Cuthbert —A decidedly fine variety.....	10	75		2 50
YELLOW VARIETIES				
GOLDEN QUEEN —Very large, delicious and firm....	10	75		3 00
BLACK CAPS				
Palmer —Large, very early.....	10	1 00		5 00
Conrath —New, black, large, early.....	10	1 00		6 00
Milborn —Fruit jet black, good flavor, strong grower, perfectly hardy.....	15	1 20		7 00

Gooseberries

HOUGHTON —Small, well-known sort, red when ripe	15	1 50	8 00
Downing —Double the size of Houghton, green, delicious.....	15	1 50	8 00
Pearl —Very productive, good size, free from mildew.	15	1 50	8 00
Industry —Fruit large and delicious, strong grower..	25	2 50	18 00
Joselyn or Red Jacket —Superior quality, very productive	25	2 50	

Currants

FAY'S PROLIFIC —Berries are as large as Cherry, much more uniform, with larger stems and fruit less acid, and far more productive than Cherry Currant, 2 years.....	15	1 20	5 00
Cherry —Red, large as Fay's Prolific.....	10	1 00	5 00
Raby Castle —Bunch long and large, bright red, prolific.....	15	1 20	6 00
White Grape —Finest white currant, mild flavored, berries and bunches large, very productive.....	15	1 20	7 00
Black Naples —Fine reliable sorts.....	15	1 20	5 00
Black Victoria —Black currant of enormous size, fine flavor and of unequalled productiveness.....	15	1 20	6 00
BLACK CHAMPION —The finest black currant, large as Lee's Prolific, much more delicious.....	15	1 20	6 00

Strawberries

These varieties marked P are imperfect flowering and should not be planted alone

NEW VARIETIES

Climax—Vigorous, thrifty, heavy plant, very productive, berry bright crimson, good flavor, medium early.

New York—A very large berry, bright crimson in color, medium early, quality good, thrifty and vigorous.

Sample-P—Healthy and vigorous, fruit large and firm, productive, late.

Any of the above postpaid, doz 30c, 25 for 50c, 100 \$1.50. By express at purchaser's expense, 100 \$1.25, 1,000 \$8.00.

STANDARD VARIETIES

Williams—Yields very large, handsome berries, extremely productive and hardy, one of the finest field varieties, fruit firm and of a dark crimson color, very uniform in shape and size, a vigorous grower.

Clyde—Better for field culture, but excellent also for garden if runners are kept down. Fruit large and firm, conical in shape, of a light scarlet color.

Glenmary—A superb early variety of a bright glossy crimson and fine flavor, very productive and of large size.

Any of the above 25 for 50c, 100 for \$1.50.

Marshall—Very large, roundish, dark rich crimson, firm, vigorous, productive.

Bubach-P—This berry combines great and uniform size, unsurpassed productiveness and good quality.

Lovett's Early—Seedling of Crescent, very early, equals Wilson in firmness, double the size of Crescent and will yield double the quantity.

Nick Ohmer—Roundish conical form, very productive, perfect shape, dark, glossy red, firm, excellent quality.

Any of the above postpaid, doz. 25c, 25 for 40c, 100 \$1.25. By express at purchaser's expense, 100 \$1.00, 1,000 \$8.00.

RHUBARB ROOTS. **Myatt's Linnaeus**—Each 15c, 4 for 50c, doz \$1.25. **Victoria**—Each 15c, 4 for 50c, doz \$1.25.

HOPS—Strong roots 25c each, 5 for \$1.00.

HOP SETS—100 for \$1.00, 1,000 for \$9.00.

MINT ROOTS—Each 25c.



INSECT DESTROYERS

Aphis Punk—For use in private places, more convenient than vaporizing Tobacco extracts. The Punk is lighted and allowed to smoulder, the fumes killing all insects. Boxes of 12 rolls, each containing 60 grains of nicotine, sufficient for 600 feet of floor space. Price 75c per box, postpaid 90c.

Fir Tree Oil—Soluble in water, effectually destroying all kinds of pests to which plants are subject. Bottle, small size 25c, half pint 50c, pint 75c, quart \$1.50, 1/2 gallon \$2.75, gallon \$5.00.

NIKOTEE—The most powerful extract, and will be found more economical than weak tobacco extracts. Pint \$1.50.

SKABCURA is a stimulant for wool growth and a cure for Ticks, Lice, Mange and Scab. Pint \$2.00.

TOBACCO SOAP—Makes an excellent wash for plants and trees infested with insects. 1/2 lb 25c, by mail 35c; 1 lb 50c, postpaid 65c.

ROSE LEAF Extract of Tobacco—One of the most effectual articles for the destruction of all insects and scale on plants. Small bottle 25c, pint 40c, quart 75c, gallon \$2.00.

WHALE OIL SOAP—Makes an excellent wash for trees and plants, kills insects and eggs on the bark. Lb 25c, 2 lbs 50c, 5 lbs \$1.00. By mail add 15c per lb for postage.

TOBACCO CLOTH—Takes the place of Tobacco stems. Per lb 75c, 2 lbs \$1.25.

COPPER SULPHATE—For Bordeaux Mixture. Per lb 10c.

GISHURST COMPOUND—For preventing and destroying Red Spider, Scale, Mealy Bug, Thrip, Green and Brown Fly, etc. Sold in boxes; price 75c.

NICOTICIDE—This compound is used for destroying Green and Black Fly, Thrip, Mealy Bug, Red Spider, etc., and it is most certain in effect. The vapor given off by the compound does not alter the natural color or scent of the flowers. 4 oz can 90c, 1/2 pint \$1.50, 1 pint \$3.00. Fumigators each 75c.

LEMON OIL—Price half pint 50c, pint 75c, quart \$1.50, 1/2 gallon \$2.75, gallon \$5.00.

PURE DALMATIAN INSECT POWDER—Price 1/2 lb 20c, per lb 60c, or by mail 75c.

LONDON PURPLE—When applied in a liquid form, 1 lb to 200 gallons, or a teaspoonful to a pail of water is sufficient. Lb 20c, 10 lbs \$1.75.

FLOUR OF SULPHUR—Lb 10c, 10 lbs 50c, per 100 lbs \$4.00.

FOSFITE—Acknowledged the best preventative and cure against mildew, black rot, leaf blight, rust, etc. 5 lbs 70c, 25 lbs \$2.50, 50 lbs \$4.50, 100 lbs \$8.00.

PURE PARIS GREEN—Securely put up in boxes. Price per lb. 25c, per 5 lbs \$1.00.

SLUG SHOT—A non-poisonous powder and a very popular insecticide. Easily applied and not injurious or dangerous to animals, the person applying it, or fruits and vegetables treated. Send for our book on Slug Shot. Lb 10c, 5 lbs 35c, 10 lbs 60c, 100 lbs \$5.00; larger lots price on application.

GRAPE DUST—Is a preparation to kill the destructive mildew that strikes the grape vine. In 5 and 10-lb packages. Per lb 10c.

HAMMOND'S THRIP JUICE—Death to Mealy Bugs and Scale, which infest roses. 1/2 pint tins 30c, pint 50c, quart 75c.

Insect Powder Distributor or Dry Powder Sprayer



The application of Paris Green and other poisons mixed, either in water or plaster is both laborious and expensive. By the use of the Insect Powder Distributor in applying the insecticides clear, these difficulties are overcome, as the poison is distributed so evenly and in such small quantities that it is hardly perceptible on plants.

The small hole is for clear Paris Green, the large hole for Hellebore and powders of like nature. The forked tube carries the poison directly on two rows of potatoes at once. With this tube attached a man can poison the bugs on an acre in thirty or forty minutes by walking at an easy gait without stopping.

The best time for applying the poison is in the early morning when the dew is on; it will then adhere much better to the leaves. Price \$4.50.

Kills the Bugs. Feeds the Plant.



Pat. in Canada Nov. 2, 1897, Jan. 25, 1904

NON-POISONOUS. PREVENTS BLIGHT.

BUG DEATH is a non-poisonous article that takes the place of Paris Green and other dangerous insect powders. It will not injure the plant, burn or blight the vine.

It kills the bugs on Potato plants, Squash and Cucumber Bugs, Currant and Tomato Worms, etc.

Feeds the plants. "Bug-Death" promotes the growth of the plant and keeps it strong.

Bug Death is used by applying dry to the plant or used in water to spray the plants. Full directions for its proper use go with each package.

Price—1 lb pkge 15c, postpaid 30c; 3 lb pkge 35c, 5 lb pkge 50c, 12 1/2 lb pkge \$1.00, 100 lbs \$7.00.

Perfection Shaker for applying Bug Death, 65c.



AUTO-SPRAY

Eight to ten strokes of plunger in air chamber will compress enough air to discharge the entire contents and make a continuous spray for nine minutes. This means that the Auto-Spray can be charged in fifteen seconds, when it will work uninterruptedly long enough to spray a quarter acre of potatoes.

The Auto-Spray is light, and being carried by a shoulder strap, a boy can carry it with ease and can cover ten times more area in a day than can be covered with the old style sprayers, which require the operator to be constantly pumping in order to do the spraying.

The Auto-Spray does the work as fast as a man can walk. Descriptive circular sent on application.

Price—Galvanized iron reservoir \$5.00; brass reservoir \$6.50.

CYCLONE SPRAYER AND ATOMIZER—Price made of tin, 75c, by mail, postpaid, \$1.00; all copper \$1.50, by mail, postpaid, \$1.75.

SPRAY PUMPS

THE "SUCCESS"

BRASS SPRAY PUMP

With Bucket Foot Rest

Indestructible Bronze Ball Valves

An excellent pump for use in gardens, vineyards, greenhouses and orchards, for washing windows and buggies; also for spraying poultry houses with white-wash. The working parts are all brass, and bucket foot rest is made of malleable iron. Nothing could be simpler and more durable than this pump. It has large air-chamber space, and is double-acting, throwing an absolutely continuous stream, either solid or in fine spray.

The end of hose connecting to pump is coiled with brass spring wire, adding largely to its durability. This pump is rightly named, and as a leader for general use it cannot be beaten. "Nothing succeeds like 'Success.'" The "Bordeaux" Nozzle is furnished with "Success" Pumps.

Price—"Success" Brass Spray Pump, with "Bordeaux" Nozzle, with directions for spraying, \$4.50.

Seven feet of hose with connection for "Success" Pump, \$2.00 extra.

Fig. 649.



KEROSENE SPRAYERS

The "Success" Kerosene Sprayer consists of our Perfect Success bucket spray pump, with a kerosene attachment. The oil tank may be readily removed, and a cap, which we furnish, placed on the oil inlet. The pump can then be used the same as our other "Success" Pumps.

Price—Complete, as in cut, \$11.00.



SPRAY NOZZLES

The "Bordeaux" Nozzle is the simplest and best spraying nozzle. It throws solid stream or a spray adjustable to any fineness. It will also throw a long distance coarser spray for large trees—features possessed by no other spray nozzle. Price \$1.00.

Vermorel Nozzle—\$1.00.

The Spramotor

was awarded the Government Spraying Contest, the Pan-American Gold Medal, and the Highest Award at Glasgow. It is guaranteed to be the best sprayer made. Prices for special outfits on application.

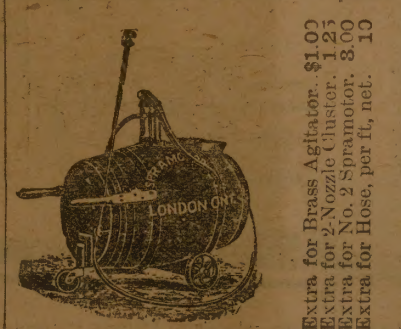
The Spramotor Combination to apply crude oil and water for the destruction of San Jose Scale, recommended by the Department of Agriculture, combining the liquids at the nozzle.



Geo. Fisher, Chief Inspector, says this is the only reliable machine to apply oil and water to trees.

Outfit "A" 0/0 for 1 nozzle, 10 ft. hose, as shown, \$29.00
Outfit "B" 1/0, 2 nozzles on 1 dbl line 10 ft. hose, as shown, 35.00
Extra for 2 lines of hose, with 2 nozzles on each, 10.50

The Spramotor Painting Machine for the application of oil and water, paints and whitewashes. Will pass through any opening the size of the cask. Handy and warranted. Price complete, as shown, with 10 ft of hose, ready to work on iron wheels, with No. 1 Spramotor nozzle and screen, \$22.00



Extra for Brass Agitator, \$1.00
Extra for 2-1/2 Nozzle Cluster, 1.25
Extra for No. 2 Spramotor, 3.00
Extra for Hose, per ft., net, 10

Spramotor Fruit Spraying Outfits

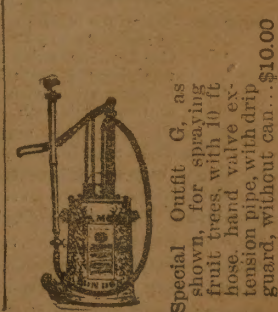
Spramotor Jr. No. 1 \$10.00
Spramotor Jr. No. 2 13.00
Extra for all Brass, 3.00
Spramotor Jr. No. 1, with 10' Hose and Nozzle, 12.00
Spramotor Jr. Outfit 1-F, with hand valve, 10' hose, iron rod with drip guard and 2-nozzle cluster, 15.50
Same, if with Bamboo Extension Pipe, 17.00



Spramotor Outfit No 2 E, with hand valve, 10 ft. hose, Bamboo Extension Rod with Drip Guard and 2-nzl cluster, \$20.00
Same if with 3-nozzle cluster, 21.00
Extra for barrel and Screen, 3.00

Spramotor can outfits as shown:

Spramotor No 0, with 2 1/2' hose and nozzle, \$7.25
Extra for heavy Galvanized Can, 2.00
Same, if with Bamboo Extension Pipe, hand valve and can, 12.75



Special Outfit C, as shown, for spraying fruit trees with 10 ft. hose, hand valve extension pipe, with drip guard, without can, \$10.00

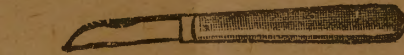
Spramotor Illustrated Catalogue on Application.

Gardeners' Tools and Requisites

Brackets —A Flower Pot, ornamental, various sizes.....each 80c to.....	\$3 00
Cork Virgin —Flat and tubular, per lb.....	15
Dibblers —For planting, steel points.....	35
Floral Tools —Set of 4; small 75c, large.....	1 50
Glazier Points —Van Reyper's Perfection; 75c per 1,000; postpaid.....	95
Gloves —Ladies' Chamois, pair.....	1 00
“ Oiled.....	80
“ Gardeners' (men's).....	50
“ Harvest (men's) No. 2.....	25
“ Threshing.....	75
Grafting Wax — $\frac{1}{4}$ lb package 15c, $\frac{1}{2}$ lb package 30c, 1 lb package.....	50
Garden Lines —Of the best material, 60 ft each.....	25
Garden Reels —Iron, plain, with stake.....	70
“ Larger size.....	1 00
Grass Hooks, English —Two sizes, each 50c and.....	60
Hoes —Dutch Scuffle, 4 inch 45c; 5 inch 50c; 6 inch 60c; 7 inch 65c; 8 inch 70c; 9 inch.....	85
Hose Rubber —In 25 and 50 foot lengths only; including couplings, viz., best quality per ft. $\frac{3}{4}$ in., 15c; $\frac{1}{2}$ in., 12c; 1 in., 18c; good quality, per ft., $\frac{3}{4}$ in., 12c; 1 in.....	14
“ Nozzle —Brass, with spray and stream tip, $\frac{3}{4}$ inch.....	1 50
“ Nozzle —Spray and stream, $\frac{3}{4}$ inch.....	1 75
“ Menders —Each.....	25
“ Reels —Holding 100 feet, \$2.50 to.....	3 50
Hyacinth Glasses —In assorted colors, plain blue, green, wine and amber; flat or Tye pattern, each 15c; per doz \$1.50; tall, each 15c; per doz \$1.50; fancy.....	50
Knives —Asparagus, imported best Sheffield.....	1 00
“ Budding, ivory handle.....	\$1.00 to 1 50
“ Pruning, crooked blade.....	\$1.00 to 1 25
“ Grass edging, crescent shaped.....	\$1 to 1 50
Lawn Rollers, Iron —Each.....	15 00
Pot Labels, Wooden —	
4 in., plain.....per 100 \$0 15 per 1000 \$0 75	
5 “ “ “ “ “ 15 “ “ 90	
6 “ “ “ “ “ 20 “ “ 1 20	
4 in., painted..... “ 20 “ “ 1 00	
5 “ “ “ “ “ 25 “ “ 1 50	
6 “ “ “ “ “ 25 “ “ 1 75	
12 in., plain..... “ 60 “ “	
Tree Labels —	
4 in., notched..... “ 15 “ “ 90	
With copper wire..... “ 30 “ “ 2 50	
Lawn Sprinklers —4-arm, revolving, each.....	2 75
“ Champion, to stick in ground.....	85
“ I.X.L., to stick in ground.....	1 25
“ For end of hose, brass, 1 foot, each.....	3 00
Mats —Archangel, $4\frac{1}{2} \times 3\frac{1}{2}$ feet, each.....	75
Needles —For sewing grain bags, each.....	10
Netting —For the prevention of birds destroying fruit of all kinds, 20x15 feet, 1 in. mesh, per lb.....	3 00
Peat —English, imported, per bush.....	1 50
“ Fibrous, for Orchids, per bush.....	1 50
Plant Stakes —Painted green, tapering, very neatly finished, of light wood and very useful for tying plants, shrubs, etc.	
18 inch, per doz.....	25
24 “ “ “ “ “ 35	
30 “ “ “ “ “ 50	
36 “ “ “ “ “ 65	
42 “ “ “ “ “ 75	
48 “ “ “ “ “ 10	
60 “ “ “ “ “ 13	
Heavy, for Dahlias, each 3 feet.....	10
“ “ “ “ 4 “ “ 13	
“ “ “ “ 5 “ “ 15	
“ “ “ “ 6 “ “ 20	
Plant Stakes, Bamboo or Cane —4 to 7 feet long, per 100.....	1 00
Pencils, Wolf's Indelible —Each.....	15
Powder Duster —Tin, perforated bottom.....	75
“ Gun—Round tin, each.....	25
Rakes —Daisy, for cleaning lawns, 16 teeth, \$1.75; 18 teeth, \$2.00; 20 teeth \$2.25; 22 teeth.....	2 50
“ Garden, malleable iron, no handles, 10 teeth 30c; 12 teeth 35c; 14 teeth.....	40
“ Garden, steel, with handles.....	1 25
“ Lawn, steel, each.....	1 00
Roffia —The best tying material for plants, etc., 10 lbs \$2.50; per lb, 30c, postpaid.....	45
Scollay Putty Distributor —For applying liquid putty, price.....\$1.00 and 1 25	
Scythes, Tysacks —English.....\$1.35 to 1 50	
Scythe Stones	20
Saws —Heavy, for pruning, each.....	1 00
Sprinklers, Goldman —Price, 50c, postpaid.....	60
Sprinkler, Scollay Rubber —By mail, large \$1.25; medium, \$1.00; small.....	75



Pruning Knives
Price \$1.00 to 1.25



Pruning Knives
Price \$1.00 to \$1.50 each.



Cleves Trowel. Price 25c; postpaid 35c.



Hazeltine Weeder, 25c.



Grape Trimming Shears. \$1.00



Half-Moon Edging Knife of the best make, \$1, with handle \$1.15

Border or Grass Shears
Price \$2 50



Brass Garden Syringe (Very convenient size). Price \$3.00



WATERS
IMPROVED
TREE PRUNER.



Garden Wheelbarrow



Brass Ladies' Syringe. Cooper's Patent Protector. Price \$3.00



Simmers' Perfection Pruning Shears

Scissors —Short and heavy for pruning.....	\$1 00
“ French Secateurs.....	1 10
“ Flower gatherers, silver plated.....	1 50
“ Grape thinning.....	1 00

Shears —Hedge or lawn, best imported, 8 in.....	1 25
“ “ “ “ “ 9 in.....	1 40
“ Ladies', for light work, durable.....	1 00
“ For lawns, each.....	2 00
“ Sheep, for edgings.....	75
“ Simmers' Perfection pruning shears—Black, 7 in., \$1.25; Bright, 7 in., \$1.50; Black, 8 in., \$1.50; Bright 8 in., \$1.75. Each fitted with wire cutting attachment.	
“ Pruning, for Pruning Roses, Currants, Vines, etc. Per pair, 75c to 1 50	
“ Grape Presenting, used for preventing the grape from being handled. Pair.....	1 25
“ English Lawn, made of the best English steel, for trimming borders and corners about trees, shrubs and walks. Each.....	3 50

Syringes, English Brass —The very finest goods in the market.	
“ Ladies' Size, 14x1 in. barrel, 1 rose and 1 jet, light, each.....	2 50
“ Ladies' size, 16x1 in., Cooper's patent protector, 1 rose, 1 jet.....	3 00
“ Gardeners', Cooper's patent protector, 16x1 in. barrel, 2 roses and 1 jet, each.....	4 00
“ Greenhouse, 18x1 in. barrel, heavy, 2 roses and 1 jet.....	3 00
“ Greenhouse, 18x1 in. barrel, heavy, 2 roses and 1 jet, Cooper's patent, each.....	5 00
“ Greenhouse, Stone's patent, extra heavy, 1 jet and 4 sprays, each.....	6 00
“ Garden, 20x1 in., adjustable plunger, 2 roses and 1 jet.....	6 00
“ Light Brass, 16x1 in., Canadian make, each.....	1 50

Thermometers —Of glass, 30c each; of wood, 40c; for hotbed use, each.....	1 00
“ Brass flanged.....	40
“ All glass, floating.....	40
“ Japanned case.....	25

Trowels, Garden —Black, steel, 6 in., 25c; 7 in., 30c; each.....	40
“ Polished steel, 6 in., 35c; 7 in., 45; 8 in., each.....	60
“ Cleves, Angle.....	25
Tree Scraper —For removing old bark.....	60

Tree Pruners —Waters', 6 feet, 75c; 8 feet, \$1.00; 10 feet.....	1 50
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Weeders —Fork shape.....	30
“ Hazeltine.....	25
“ Lawn Weeder.....	35
“ Noyes.....	25
“ Excelsior, claw-shaped.....	25
“ The Bee (2 for 25c).....	15
“ Dandelion Spud, for lawns.....	60

Watering Cans —For greenhouse or indoors, with movable brass rose, in 3 sizes holding about 1, 2 or 3 gallons; sold at \$1.50, \$2.00 and \$2.50 each.	
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Wheelbarrows —Light, \$3.00; Heavy.....	4 00
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FLORISTS' SUNDRIES'

Tin Foil —In long strips, 5 in. wide, per lb.....	20
Tooth Picks —10c per box, 3 boxes for.....	25
Match Sticks —Per bundle.....	75
Sphagnum Moss —Per bale.....	1 25
Wire —Annealed (prices subject to change), No. 24, per lb, 20c; 10 lbs \$1.25. No. 28 per lb, 25c; 10 lbs \$1.75. No. 36, per lb 35c; 10 lbs.....	3 00

BOUQUET PAPERS

4 in., per doz.....	45c	5 in., per doz.....	55
6 in., per doz.....	70	7 in., per doz.....	90



Flower Presenting Shears. Price \$1.50.



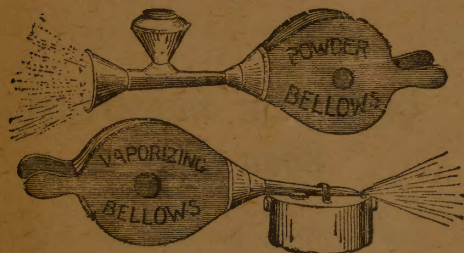
Fruit Baskets



Glaziers' Points



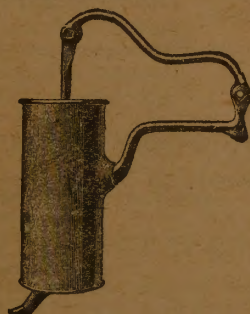
Goldman Plant Sprinkler



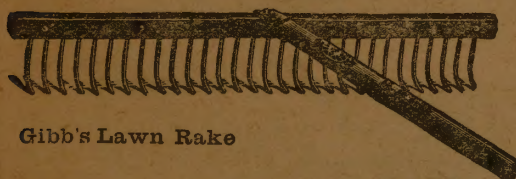
Insect Exterminator Bellows



Flower Vases



Glazing Machine



Gibb's Lawn Rake



1-Excelsior Corn Husker
-15c each. 2 Combination
Weeder-30c each.
3-Rochester Trans-
planting Dibbler-35c each.

Scollay
Sprinkler

FRUIT BASKETS

Fruit Growers, Farmers and Gardeners will find our baskets, which are of the Oakville manufacture, the best in the market.

No. 7-16 Quart or 20 lb Basket—Without covers. Per doz 60c, per 25, \$1.15, per 100 \$4.10.

Pickers' Field Baskets—Each 10c, per doz \$1.00.

No. 6-11 Quart or 15 lb Basket—Per doz 50c, per 25 \$1.00, per 100 \$3.75.

No. 4-8 Quart or 9 lb Basket—Per doz 45c, per 25 90c, per 100 \$3.50.

No. 5-Patent Leno Covers, for any of the above—Per doz 25c, per 25 40c, per 100 \$1.50.

Wood or Veneer Covers—Per doz 20c, per 25 35c, per 100 \$1.25.

No. 3-5 lb Grape Basket Without cover—Per doz 45c, per 100 \$3.25.

No. 8-24 Quart Crate, including cover—Each 15c, doz \$1.70, per 25 \$3.25.

No. 9-36 Quart Crate—Each 20c, per doz \$2.30, per 25 \$4.50.

Slats for 54 Quart Crates—Per doz 45c, per 25 85c, per 100 \$3.00.

Berry Boxes, one quart—Per 100 40c, per 1,000 \$3.25, per 2,000 at \$3.00 per 1,000.

No. 2-Plant Boxes—Per 100 70c, per 1,000 \$6.

The Van Reyper Perfect Glaziers' Points

Made of Steel wire and Galvanized. No rights and lefts. Price 75c per 1,000, 95c postpaid.

Columbia Flower Tubs

Are the best and cheapest tubs

No. 1 Plain—Natural varnish finish on the wood, or if wanted can finish them in oil paint, but to order only.

12 in. diameter by 11 in. high.....\$1 25

15 in. " by 14 in. " 2 00

18 in. " by 16 in. " 2 50

21 in. " by 18 in. " 3 00

24 in. " by 20 in. " 3 50

Columbia Orchid Baskets and Cribs.

Prices on application.

Goldman Plant Sprinkler

Price 50c each, postpaid 60c. Extra balls, 25c each.

Plant Protecting Cloth

Or Waterproof Fibre, specially prepared to prevent mildew and rotting; valuable for forwarding and protecting early plants from frost, covering hotbeds and frames in spring, in lieu of glass (after excessive freezing weather is over) and for throwing over bedding plants at night in fall, at one-tenth the cost of glass. (Samples mailed on application.)

Heavy Grades—Per yard 15c; by the piece of about 50 yards, 14c per yard.

Medium Grade—Best for general use. Per yard, 11c; by the piece of 50 yards, 10c per yard.

The Gibb's Lawn Rake

A splendid article for raking up dead leaves or grass on lawns after being cut with a lawn mower or scythe. Price \$1.00.

SCOLLAY

Rubber Plant Sprinkler

No. 1 (With Valvular Top)\$1 25

No. 2 1 25

No. 3 1 00

No. 4 75



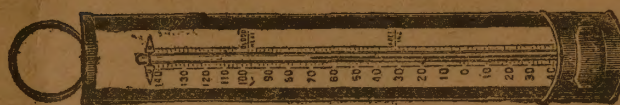
Flower Tubs



Seed Potato Knife



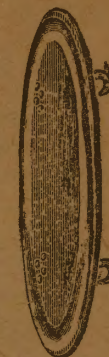
Glass Dairy Thermometer Price 40c each, postpaid.



Japanned Case Thermometer. Price 25c each, postpaid



Plant Protecting Cloth



Fibre Rolling Stands

SEED POTATO KNIFE

—Price 35c, postpaid.

THE LIGHTNING POTATO EYE CUTTER—Price 30c postpaid.

MASTICA

For Glazing Greenhouses, Hotbeds, etc., New or Old

Elastic, Adhesive, Easy to Apply. Price per gallon, \$1.50, per 1/2 gallon 75c, per quart 50c.

Mastica Glazing Machine—Price \$1.50.

WIRE FLOWER STANDS

These we carry in stock of various shapes and sizes; 30 inches in diameter, \$3.50; 36 inches in diameter, \$4.00 each; 42 inches in diameter, \$4.50.

LAWN ROLLERS

Wrought Iron Garden, Lawn and Field Rollers

These rollers are all made of the best wrought iron. Weight 350 lbs. Price \$15.00.

EUREKA FUMIGATOR

(Galvanized)

12 inches diameter, at top 5 inches; holds one-half peck of tobacco stems.

PRICE 1st size....\$2 50 3rd size \$1 75
2nd " 2 00 4th " 1 50

Woodason's Patent

Insect Exterminator Bellows

Blows Paris Green, Hellebore, Dalmation Insect Powder, Sulphur, Slack Lime, Slug Shot, etc., etc

Patent Double Cone Bellows, \$4.00.

Large Single Cone Bellows, \$3.00.

Small Single Cone Insect Powder Bellows for home use, \$1.75.

Liquid Spraying Bellows, \$3.00.

Flower Vases

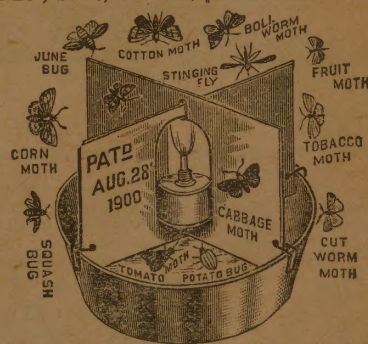
Iron and Terra Cotta

Varying in price from \$3.00 to \$50.00.

Write for description.

Fibre Rolling Stands For Heavy Plants

Platforms are indurated fibreware; will not soak or rust; casters have ball bearings. 13 in., 3 casters, each 90c; 17 in., 4 casters, each \$1.25; 21 in., 6 casters, \$1.50 each.



S.A. HASELTINE'S CATCHER

Catches the parents of Worms from Orchard, Field and Garden.

Insects are especially attracted to a light when pairing or hunting their mates. Anyone can see in the mating season how the insects are attracted to a lamp in the house, and it is astonishing to see the numerous insects flying around the electric lights in their natural mating seasons. The Moth Catcher not only attracts the insects but the reflectors cause them to fall into the coal oil or kerosene in the pan on the surface of the water below, which kills them. Price \$1.00.

FLEURY PLOW

General Purpose
Plows very light in
draught

Nos. 21 and 13 the two best
general purpose plows in
Canada.

No. 13 Plow, \$13.00 cash.
No. 8 Plow, \$13.00 cash.
No. 12 Plow, \$13.50 cash.
No. 21 Plow, \$13.00 cash.

One Horse Plow— No. 15. Unexcelled as a Garden Plow.

A one-horse or garden plow
that cuts the width it turns,
and turns a furrow properly.
Most one-horse plows are
only two-horse plows short-
ened up, and spoiled for real
plowing. This one is a plow
—light, but strong. Price,
cash, \$10.00.

**Fleury's Celebrated Root
Pulper, No. 6.** Price,
\$10.00. No. 7, \$11.00.

**Fleury's Straw and En-
silage Cutter, No. 1,**
hand power. Price, \$13.50.

**Fleury's Farm Wheelbar-
row.** Price, \$4.00.

Emperor Potato Digger.
Price \$9.00.

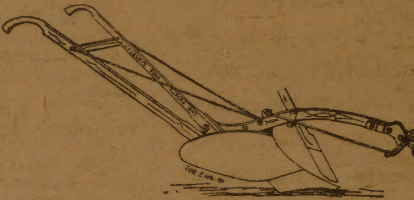
PLOWS



No. 21 Fleury Plow. \$13.00



No. 13 Fleury Plow—\$13.00



No. 15 Fleury Plow—\$10.00

Wrought Iron Harrows

Garden Harrows—In two sections, \$8.50.

Farm Harrows—In three sections, \$11.00; four sections, \$14.50.

Wilkinson Plows

We can supply the following desirable "Standard" Plows, manufac-
tured near Toronto, of the best material (regardless of cost) by the Wil-
kinson Plow Company.

Narrow one-horse plow, \$10.50. Wide one-horse Plow, No. 13.
\$10.50. No. 3, \$14.50. No. 4, \$14.00. No. 5, \$14.00. No. 7, \$14.00.
No. 21, \$14.00.

Wilkinson Garden Harrow—\$12.00.

Channel Drag Harrow—Three sections, \$13.00.
Four sections, \$17.00.

The Automatic Corn Planter



The Automatic Corn Planter

at the bottom, which, when opened by pressing over on the Foot, leaves
it at once at the depth required, avoiding the trouble found with all Hand
Planters that deliver the seed direct from the Dropper to the soil. It also
has a most convenient attachment for regulating the depth of planting;
this can be raised or lowered in a moment, and insures delivery of the
seed at precisely the depth required, whether the soil be hard or mellow.
Price \$2 00.

**The Auto-
matic Plan-
ter** is of the
best material,
well and dur-
ably put to-
gether, and
finished to
stand long use
and all sorts of
weather. In
this planter
the seed is de-
livered from
the Dropper to
the Receptacle

SEED SOWERS

Cahoon Broadcast Seed Sower

A hand machine very largely used. The
quantity to be sown is easily regulat-
ed. It will seed *evenly* four to six acres per
hour. It will scatter the following
distances:—Wheat, Barley, Rye, 25 feet;
Clover and Timothy, 18 to 20 feet. The bag
and hopper hold about 22 quarts. Weight
5½ lbs. Price, each, \$4.00.



The Cyclone Seed Sower

First-Class High Grade Machine

Geared (See Cut)—A machine for
sowing broadcast all kinds of grass
seeds and grain. It is suspended by a
strap over the shoulder, hanging in the
most convenient manner, and is operat-
ed with a crank. The machine is
light (weighing less than four pounds),
yet strong and durable. The gear
wheels and feed-plates are of the high-
est quality of hardened grey iron.

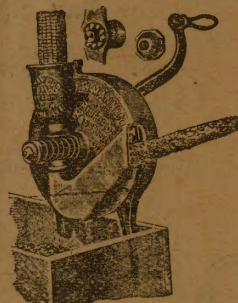
The crank shaft is made of bes-
semer spring steel; the distributor is
strongly made of best quality of tin.
The hopper is large, holding about
three-fourths of a bushel, and made
from heavy 10-oz. ducking, securely
fastened to machine with tinned tacks,
especially manufactured for this pur-
pose.

The lumber is well seasoned and of best quality, principally poplar.
IT WILL SOW clover, timothy, wheat, oats, rye, buckwheat, hungar-
ian redtop, turrup, millet, corn, cotton and all other grains and seeds per-
fectly even and any desired amount per acre, and from 30 to 60 acres a
day. It does not require seed to be cleaned, and will sow orchard and blue
grass. Full instructions and directions on every machine. Geared, price
\$1.75; postpaid, \$2.50.

FIDDLE BOW—Old style. Price, \$1.50; by mail, postpaid, \$2.00.



"Cyclone" Geared, \$1.75



Champion Ball-Bearing Corn Sheller

It has no equal. It is the best Sheller on the
market, and considering the amount of work
it will do, it is the cheapest. Its work is easy,
rapid and highly satisfactory. Its unique auto-
matic adjustment, improved shelling disc and
telescopic construction, are all new inventions,
embodying improvements found in no other
corn sheller. Weight, 20 lbs. Price, \$2.50.

Garden and Farm Implements

Grass Scythes, Rivet	Each
back and others.....	\$1 25 to \$1 50
Cradle Scythes, all	
kinds and lengths.....	1 10 to 1 40
Grain Cradles, all	
kinds.....	1 50
Scythe Stones.....	10 to 15
Scythe Snathes.....	65 to 85
Hay Rakes, wire bow	
and wooden bow.....	10 to 25
Hay Forks, 2 prong...	40 to 60
3 prong.....	60 to 80
Straw Forks, 3 prong.	75 to 1 20
Manure Forks—	
4 prong.....	85 to 1 20
5 prong.....	1 10 to 1 25
6 prong.....	1 25 to 1 35

Spaning Forks, 4	Each
prong.....	\$1 00 to \$1 20
Potato Forks, 4 prong	
.....	85 to 1 25
Turnip Hoes.....	55 to 70
Field Hoes.....	35 to 65
Thistle Spuds.....	40
Reaping Hooks.....	50
Vegetable Scoops..	1 20
Grain Scoops.....	1 00 to 1 50
Spades, in variety	75 to 1 50
Shovels, in variety	90 to 1 30
Fork and Hoe Han- dles, in variety.....	15 to 40

**Plow Lines, Cotton Bags,
Linen Bags, Etc.**

Draining Spades—18, 20 and 22 inch..... Each \$2 50

EARTHENWARE

POTS—Earthenware Flower Pots, Tree Pots, Seed Pans and Hanging Baskets.
The measurement is from outside to outside. Packing charged extra when ordered
to be shipped a distance from Toronto. Pots carefully packed, but we assume no risk for breakage.

FLOWER POTS				SAUCERS				TREE POTS				SAUCERS			
Size	Inches	Per doz	Pr 100	Per doz	Per 100	Size	Each	Each	Per doz	Each	Per doz	Each	Per doz	Each	Per doz
Small Thumbs.....	2	\$0 10	\$0 75			2 gals.....	10	\$0 40	\$4 50			\$0 20	\$1 80		
Thumbs.....	2½	15	00			3 ".....	12	00	7 00			30	3 50		
Small Verbena.....	3	15	10			4 ".....	14	75	8 00			40	4 50		
Large Verbena.....	3½	20	1 25			6 ".....	16	1 50				60	7 00		
Half Pints.....	4	25	1 75	\$0 20		8 ".....	18	2 50							
Half Pints.....	4½	30	2 20	25											
Pints.....	5	40	2 50	30											
Quarts.....	6	50	3 75	35	\$3 00										
Half Gallons.....	7	1 00	6 50	50	4 00										
1 Gallons.....	8	1 50	10 00	60	5 00										
Gallons.....	9	2 00	15 00	90	7 00										

PANS	size-in.	Each	Dozen
Boston Fern Pans.....	6	\$0 10	\$1 00
" " ".....	7	13	1 40
" " ".....	8	15	1 60
" " ".....	9	20	2 25
Fern Pans.....	6	9	1 00
" " ".....	7	10	1 10
" " ".....	8	15	1 60
Seed Pans.....	10	20	2 25
" " ".....	12	25	2 75
" " ".....	14	30	3 25
Square Pans.....	8	20	
" " ".....	10	35	
" " ".....	12	60	
Hanging Baskets.....	10	15	
" " ".....	12	25	
" " ".....	14	40	

Special prices on application for larger quantities

"IRON AGE" GARDEN IMPLEMENTS FOR 1903

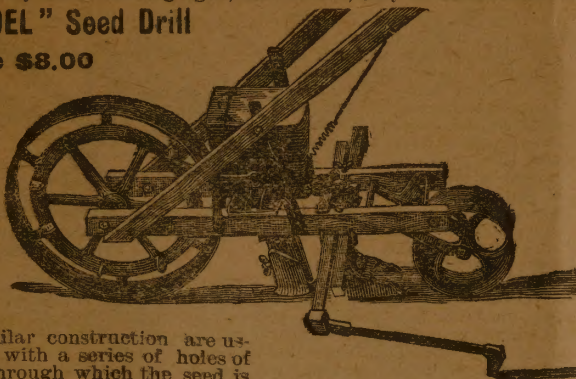
The "IRON AGE" WHEEL HOES AND DRILLS for Field and Garden Work

We have no hesitation in claiming these tools to be the most perfect and satisfactory made and we want to place one in the hands of every customer. They have recently become immensely popular, owing to the new departure in their design and construction; in other words they are all right and up-to-date. They are equipped with high, steel wheels, very light, tubular frame connected to malleable iron castings—really bicycle construction, and in consequence they are exceeding light, convenient, easy to handle and very handsome in appearance.

"NEW MODEL" Seed Drill

Price \$8.00

Perfect Index;
Instantaneous Cut off;
Adjustable Marker;
Broad Wheel;
Steel Opening Plow;
Adjustable Handles.



Drills of similar construction are usually provided with a series of holes of varying sizes through which the seed is passed, which, of course, do not always give an opening of the exact size required. This adjustment is made in a simple and effective manner by use of a slide with a pear-shaped opening, passing under the bottom of a seed reservoir, which is provided with a perforation of similar shape in a reversed position. This slide can be instantly adjusted to size indicated by index, or to a hair breadth variation between—a vital point in a perfect seed drill. As the names of the principal seeds are plainly shown on the index itself, it is not necessary to refer to any table of reference. The flow of seed can be instantly stopped by a swinging cut-off, conveniently operated by a cord and ring on handle. This cut-off prevents all of seed at end of rows. The main wheel is of large size and of unusual width, preventing its sinking into soft earth.

Each drill crated and carefully packed for shipment. Packed weighs about 40 lbs. Price \$8.00.

No. 4 "IRON AGE"

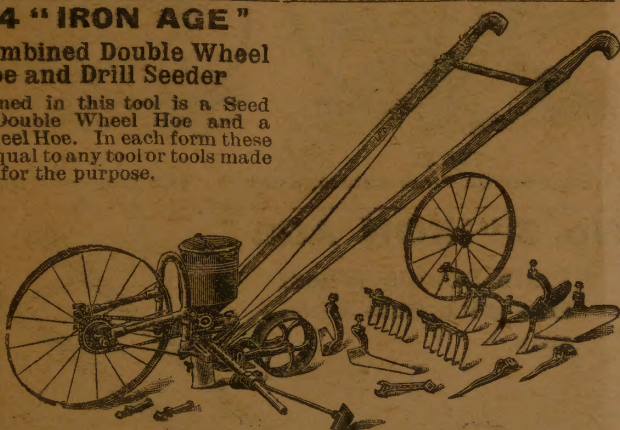
Combined Double Wheel Hoe and Drill Seeder

Combined in this tool is a Seed Drill, a Double Wheel Hoe and a Single Wheel Hoe. In each form these tools are equal to any tool or tools made especially for the purpose.

As a Seed Drill this tool sows in drills with perfect accuracy all the seeds varying in size from celery to corn. Easily and quickly adjusted in every particular.

The change from a Seed Drill to a Wheel Hoe is made by simply detaching the seed hopper with its frame, covers, wheel, etc.; loosening two bolts does it, and applying the cultivating tools. The wheel is made of steel 16" high. The frame of pipe, coupled to malleable castings. The tool is therefore very light as well as strong; runs easily. Price \$10.50.

No. 5, Iron Age Drill Seeder, the foregoing implement as a Seed Drill only, \$8.00.



No. 6 "IRON AGE"

Combined Double Wheel Hoe, Hill and Drill Seeder



As can be seen by the cut above, anyone purchasing the No. 6 "Iron Age" Combined Double Wheel Hoe, Hill and Drill Seeder, possesses at once the most perfect and complete tool possible. It is a whole tool-house itself. It drills, hoes, rakes, hills, cultivates, levels, plows, furrows, covers, and does each and every operation in the most satisfactory manner.

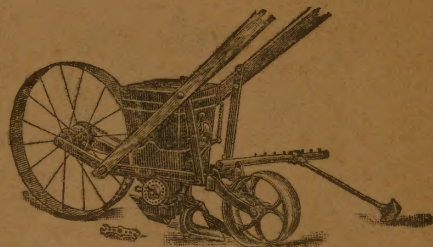
The fact that our "Iron Age" Double Wheel Hoe can be converted into a thoroughly practical Single Wheel Hoe, makes this combined machine four different tools—a Hill Dropper, a Double Wheel Hoe and a Single Wheel Hoe, also a Row Drill. This tool will sow all the small seeds varying in size from celery to corn. Price \$12.00.

No. 7, IRON AGE HILL AND DRILL SEEDER

The foregoing implement as a Hill and Drill Seeder only. Price \$9.00

No. 8 "IRON AGE" HILL AND DRILL SEEDER

The "Iron Age" Hill and Drill Seeder is without question the most complete tool ever offered. The Wheel is 16 in. high, made of steel with a two-inch tread. The Opening Plow is non-clog-gable and can be instantly adjusted. The Hopper is low, therefore, the delivery of the seed is close to the ground, thus making possible accurate spacing. Capacity 4 quarts. The Agitator is a revolving bush which makes it a sure feed and sows absolutely all of the seed accurately and without injury.



The distance of spacing the seed can be instantly changed by simply varying the number of pins in the outside circle of holes of the "Pin Wheel." By using only one pin (stationary) the seed will be spaced 21 inches; two pins, 12 inches; three pins, 8 inches; four pins, 6 inches; six pins, 4 inches. We wish to emphasize the great simplicity of this adjustment as it overcomes a very radical objection to similar tools of having numerous cam wheels to change.

The amount of seed can be minutely adjusted by our patented cam index. The Covers are firmly held in place by a spring—thus avoiding all danger of not covering. The wheel rolls and packs the soil. The flow of seed can be instantly stopped or started by a convenient finger latch on the handle. Price \$11.00.

No. 15 "IRON AGE"

Combined Single Wheel Hoe Hill and Drill Seeder



Combined in this tool is the best Hill and Drill Seeder, and Single Wheel Hoe ever offered to the public. In combining these tools, not a single advantage of a separate Single Wheel Hoe or Seed Drill is lost. As each they are, in themselves, complete. Changed from one form to another almost instantly completely filling every desire both as to method of handling seed and soil.

It places the seed in hills or drills, it plows, it rakes, it opens furrows, it covers, it hills, it hoes, it cultivates.

The Wheel is made of steel, 16 in. high; the frame of pipes, coupled to malleable castings; therefore light (runs easy) strong and durable. Price \$11.00.

No. 17 "IRON AGE"

Combined Single Wheel Hoe And Drill Seeder.



Combined in this tool we offer the best Row Drill and Single Wheel Hoe ever offered the public. In combining these tools not a single advantage of a separate single Wheel Hoe or Row Drill is lost, as each one in itself is complete. Can be changed from one form to the other almost instantly, completely filling every desire both as to method of handling seed and soil.

It places the seed in drills, it plows, it rakes, it opens furrows, it covers, it hills, it hoes, it cultivates. The Wheel is made of steel, 16 in. high, the frame of pipe, coupled to malleable castings, therefore light (runs easy) strong and durable. Price \$10.00.

No. 9 "IRON AGE"**Single Wheel Hoe, Cultivator, Rake and Plow Combined**

This tool is, in regard to the work done, almost a counterpart of the Double Wheel Hoe.

In addition its lower price, less weight and increased steadiness given by a single wheel, make strong arguments in favor of this tool. For the small kitchen garden we consider the Single Wheel Hoe, with these points of merit, as being very valuable. The work is done principally between the rows, although plants of small growth can be hoed on both sides at once by placing the wheel on the left side.

With this single wheel tool, spaces of exceedingly narrow width can be worked even, using but one cultivator tooth. With the large plow attachment, deep furrows can be opened or closed; potatoes, celery and other crops hilled—in short, all such work usually accomplished by a special plow.

Price complete, \$6.00

Weeder Attachment for this tool similar to the one shown on the Double Wheel Hoe, \$1.00.]

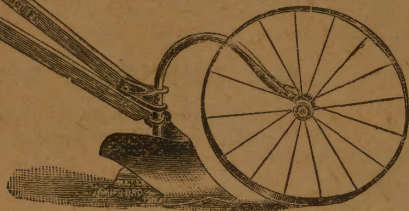


"Iron Age" Combined Single Wheel Hoe

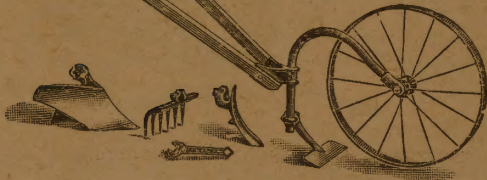
**No. 11
"IRON AGE"
WHEEL PLOW**

Price \$2.75

**Packed Weight
15 lbs.**



**No. 12 "IRON AGE"
Wheel Plow and Cultivator**



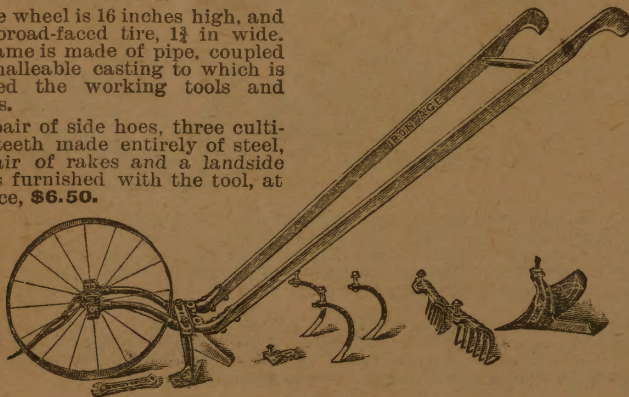
In the accompanying cut we show a tool of exceeding lightness but of great strength, which is designed to do a greater variety of work than any other tool of the same price. It will accomplish all the work in cultivating needed to be done in a small kitchen garden—plowing, furrowing, covering, hoeing, raking and cultivating. This tool is emphatically *the friend of the laborer or mechanic* who can afford only to invest a small amount of money in a garden tool, and whose few moments in a garden must be devoted to "straight-ahead work," **Price \$3.75.**

No. 20 "IRON AGE" SINGLE WHEEL HOE

The No. 20 "Iron Age" Single Wheel Hoe is the wheel hoe form of both the Nos. 15 and 17 Combined Single Wheel Hoes and Seed Drills. Although being designed with the view of being able at any time in the future to add a *Seed Drill Attachment*, it is the most complete Single Wheel Hoe ever offered.

The wheel is 16 inches high, and has a broad-faced tire, 1½ in wide. The frame is made of pipe, coupled to a malleable casting to which is attached the working tools and handles.

A pair of side hoes, three cultivator teeth made entirely of steel, one pair of rakes and a landside plow is furnished with the tool, at the price, **\$6.50.**

**No. 1 "IRON AGE"****Double Wheel Hoe, Cultivator, Rake and Plow Combined**

At a glance one can see the great usefulness of this tool. The garden or farm is incomplete without at least one of these tools. In cultivating onions, beets, turnips, radishes, etc., it is invaluable, saves hours of hard labor and does the work better than several men could do it in the same time. One great advantage which this double wheel hoe possesses is that it can be made into a practical single wheel hoe in a moment's time. An axle is sent with every double wheel for this purpose. The wheels are 16 inches high, enabling the wheel hoe to run easy and without yielding to the depressions of the soil as a low wheel will do. The frame being made of tubing coupled to malleable castings gives great strength, together with lightness. All the tools shown in the cut go with the machine for the price.

Price complete \$7.50

Weeder Attachment, \$1.40 extra.

Landside Plow Attachment, \$1 extra.

Single Tooth Attachment, 75c extra.



"Iron Age" Combined Double Wheel Hoe

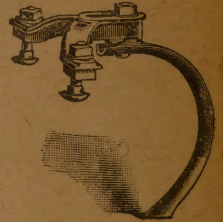


Fig. 112.
Single Tooth Attachment

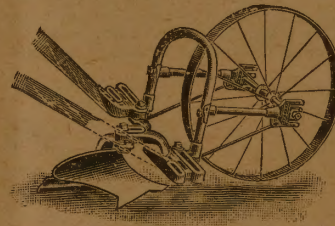


Fig. 82.
The Landside Plow Attachment

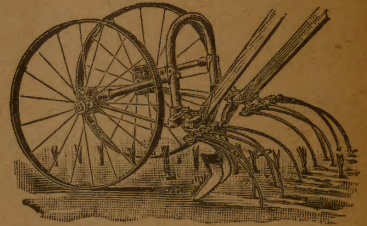
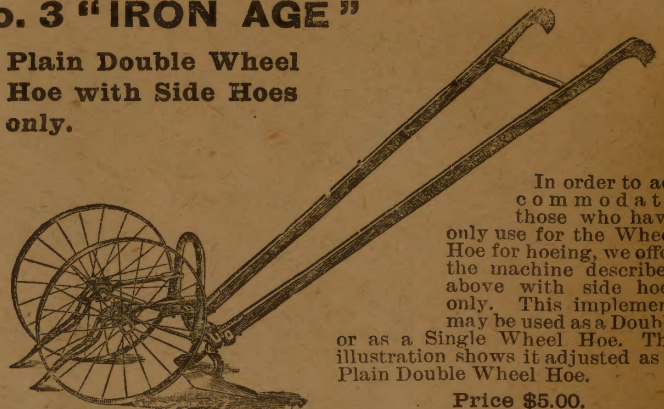


Fig. 81.
The Weeder Attachment

No. 3 "IRON AGE"**Plain Double Wheel Hoe with Side Hoes only.**

In order to accommodate those who have only use for the Wheel Hoe for hoeing, we offer the machine described above with side hoes only. This implement may be used as a Double or as a Single Wheel Hoe. The illustration shows it adjusted as a Plain Double Wheel Hoe.

Price \$5.00.

HOW TO MAKE HENS LAY

Keep your chickens strong and healthy. Prevent all diseases—Cholera, Roup, Leg Weakness, etc., use **EGG-O**, a poultry regulator and egg producer.

Best food for all varieties of poultry, laying fowls, chicks, ducks and geese. Will make your hens lay, will make your chicks grow fast, will keep your fowls healthy.

Therefore, no matter what feed you use, mix with it daily our **EGG-O POULTRY TONIC**. It assures perfect assimilation of the food elements needed to produce health and form eggs.

Price—28 oz package, 25c; post-paid 50c.

**Anti-Louse**

A Disinfectant Insect Powder

Guaranteed to kill every species of parasite that preys on poultry and live stock. It is an effective remedy for Ticks on Sheep, Roaches, Ants, Bedbugs and all insects on House Plants or Fruit Trees. For dog or cat a small quantity rubbed into the fur will kill all lice or fleas that may be present.



Price—One pound box 25c; postpaid 40c.

No. 22 "Iron Age"

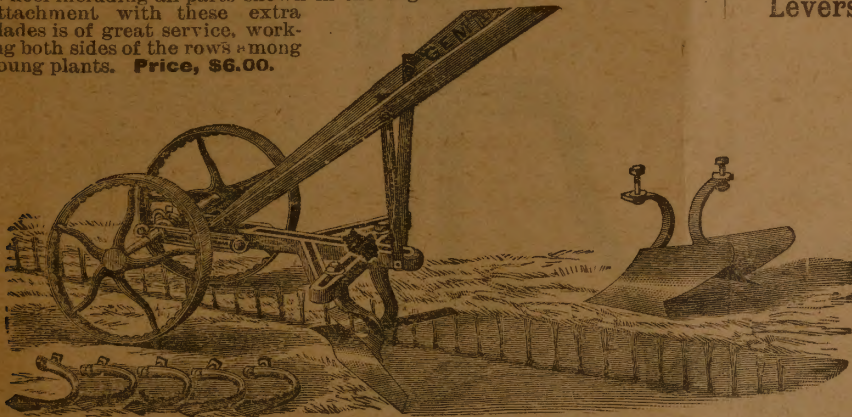
Fertilizer Distributor,
Hill and Drill Seeder



This tool is designed to sow fertilizer and seed in one operation. The fertilizer is distributed in two narrow streams, adjustable in depth and width apart. The seed is sown between the two rows of fertilizer, so no injury can result from coming in contact with it. It will sow in rows or drop in the hills at 4, 6, 8, 12 or 24 inches apart. The seed attachment may be detached and tool is then a most excellent implement for the top or side dressing of growing crops. **Price, \$18.00.**

"GEM" Double and Single Wheel Hoe Combined, \$6.00

This has in addition to the Single Wheel Hoe the Double Wheel Attachment and two extra steel blades, which we furnish with the Single Wheel including all parts shown in the engraving. The Double Wheel attachment with these extra blades is of great service, working both sides of the rows among young plants. **Price, \$6.00.**



"JEWEL" Single Wheel Hoe

Cultivator and Plow Combined, \$4.50

Like the Double Wheel "Jewel," this tool is constructed entirely of malleable iron and steel, with exception of wheel and handle. As plainly shown by the cuts, it is capable of several combinations, a simple, very easy working scuffle hoe, with hoes 6 to 9 inches in length; as a cultivator, with four steel teeth; or as a large-sized Wheel Plow. The "Jewel" is adjustable in every way, thoroughly well made and finished, and is, we believe, the lightest and strongest of its kind made.

Price, complete, \$4.50.

"IRON AGE" Combined Harrow and Cultivator

Steel Diamond Teeth



Our "Iron Age" Combined Harrow and Cultivator is a tool that has diamond-shaped teeth, with a small cultivator tooth forged on one end—steel, of course. For very close work, every other tooth can be very quickly removed. We also have, as an attachment, a wide, flat sweep on a high-throated standard, for use on rear end of middle bar. Sure death to weeds and grass.

With lever expander and wheel **\$3.00**
Sweep Attachment **1.25 extra.**

We are Sole Agents for these goods and carry a large stock, thus enabling us to fill orders at the shortest possible notice.

No. 23 "IRON AGE"

Fertilizer Distributor
as a Side Dresser

PRICE, \$13.50



The side or top dressing of growing crops has become a practice of great importance, and in fact, of absolute necessity to produce a quick thrifty growth of growing plants.

The fertilizer is placed in the hopper which holds over four quarts, and when fed out is divided in two streams and the two delivery tubes carry the fertilizer into the light furrows made by the opening plows.

All gardeners will appreciate the great advantage of applying quick acting fertilizers to the growing plants, but at the same time realize the difficulty in doing so without such a tool as described above. **Price, \$13.50.**

Hill and Drill Seeder Attachment may be applied to this tool and the seed may be sown in drills or placed in hills at 4, 6, 8, 12 or 24 in. apart, at the same time the fertilizer is distributed. **Price, \$4.50.**

"Iron Age" Horse Hoe and Cultivator Combined, with Wheel and Levers. Price, \$9.00.



"Iron Age" Horse Cultivators

As made at present there is no cultivator in use so completely adapted to the various needs of the farmer, particularly the "truck" grower. With seven narrow teeth it cannot be equalled as a thorough pulverizer of the soil, and is quickly changed to any of its combinations. With or without Lever Adjustment or Wheel. We claim this tool to be the strongest, steadiest horse hoe made; hoe standards are very heavy solid steel, adjustable in both pitch and angle of cut, adjustment of width instantly made, steady and smooth in its operation, the only lever adjuster that does not impair the stiffness of the tool.

PRICE—Complete as in illustration with mould boards, scuffer, teeth, wheel and levers **\$9.00**

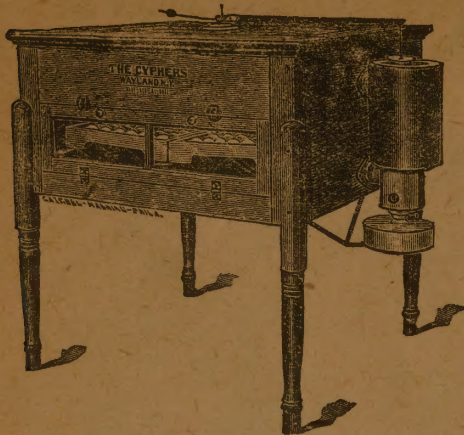
The "Planet Jr" Garden Implements

Descriptive and Illustrated Planet Jr. Catalogue sent on Application.

We can supply a full line of machines and repairs. Every piece has a mark or number upon it. Be sure and mention number when ordering repairs or parts.

"Planet Jr" No.	1—Combined Drill Seeder, Cultivator, Rake and Plow	PRICE
"	No. 2—Seed Drill, plain	8 75
"	No. 3—Hill and Drill Seeder, Single Wheel	12 25
"	No. 4—Hill and Drill Seeder, Hoe, Cultivator, etc.	12 25
"	Set of 3 rakes for No. 4	1 50
"	No. 4a—Same tool as a Hill and Drill Seeder only	10 00
"	No. 5—Hill and Drill Seeder, Single Wheel	15 00
"	No. 11—Double Wheel Hoe, Cultivator, Rake and Plow	10 50
"	No. 12—Double Wheel Hoe, Cultivator and Plow	8 25
"	No. 13—Double Wheel Hoe, plain	5 50
"	No. 16—Single Wheel Hoe, Cultivator, Rake and Plow	6 75
"	No. 17—Single Wheel Hoe, Cultivator and Plow	5 75
"	No. 17½—Single Wheel Hoe and Cultivator	5 75
"	No. 18—Single Wheel Hoe, plain	4 00
"	No. 25—Combined Hill and Drill Seeder, Double Wheel Hoe	15 75
"	"Fire-Fly" Garden Plow	2 80

THE CYPHERS INCUBATOR



Are used by over twenty Agricultural colleges and schools in the United States, Canada, England, Australia, New Zealand, and other countries. They are self-ventilating, self-regulating, and require no added moisture. They do perfect work in the hands of either amateur or practical poultry men. They are fire-proof and guaranteed to last ten years. They have been in use several seasons at the Ontario Agricultural College, Guelph. They hatch equally well all kinds of eggs.

Incubator.		Price
No. 0—60 eggs	..	\$15 50
" 1—120 "	..	22 50
" 2—220 "	..	29 00
" 3—360 "	..	37 00

THE CYPHERS BROODERS



The Cyphers Brooder

Are the best made. Clear pine lumber, heavy galvanized iron metal work and heavy brass stove. Well lighted and well ventilated, they keep the chickens strong and hardy.

Brooders		Price
A—Outdoor	.....	\$14 00
B—Indoor	.....	12 50
Sectional		
4 Section	.....	85 00
3 " "	.....	28 75
2 " "	.....	22 50

GALVANIZED POULTRY FOUNTS

These founts are made of galvanized metal; they are easily cleaned, not injured by freezing; water can be kept constantly fresh.

Price—No. 1, holds 2 qts, 40c each. No. 2, holds 4 qts, 50c each.

POULTRY CAPONIZERS

Set of instruments, complete, with instructions, \$2 50. In velvet-lined case, \$2.75. We send book "Complete Guide for Caponizing," with every set.

Philadelphia Gape Worm Extractor—Price complete, 30c.

Roup Syringe—This is one of the best cures for Roup and similar diseases to which poultry are so liable. Postpaid, with instructions, 15c each.

French Poultry Killing Knife—Sent postpaid on receipt of 50c. Sent securely packed by mail, on receipt of price.

Philadelphia Poultry Marker—They are well made with steel spring and cutter, nicely nickel plated. Made in two sizes. Sent postpaid on receipt of price. 30c each.

Leg Bands—A For pigeons. B For small fowl. C Medium fowl. D Large Fowl. E Extra large fowl. Stamped with number. Price—Copper, 1 doz. 20c; 50, 65c; 100, \$1.25. Aluminum, 1 doz. 25c; 50, 85c; 100, \$1.50.

Egg Tester—The best on the market, 35c.

"Profitable Poultry Keeping in all its Branches," also complete Catalogue of The Cyphers Incubator Co. (224 pages), mailed for 25c.

TESTED STANDARD INCUBATOR THERMOMETER—Mounted on metal, graduated base, and distinctly marked high and low. Price, postpaid 75c.



Egg Tester



Leg Band



Poultry Marker



MANN'S BONE CUTTERS

1902 Model

No. 5 B.M. 1902 Model

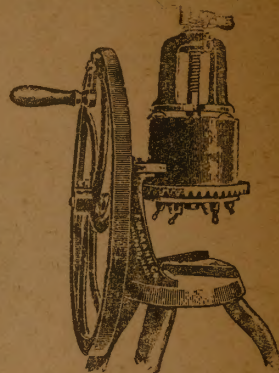
Intended for flocks of 15 to 25 hens. Can be used for flock of 100 hens, but larger size is more economical in the end for such a large flock. Mounted on iron stand, no expense to set it up. Place for pan to catch the bone. Patented automatic governing spring feed, 1902 style.

Cylinder is larger than the old style No. 1. Cutter plate has 4 knives instead of 3. Will cut faster and easier than other types costing twice as much.

Capacity, 15 to 20 lbs per hour.
Weight, 80 lbs. Price, \$12.00.

No. 5. B

This machine is exactly the same as the No. 5 B.M., except that it has not the iron stand. The capacity is the same.
Weight, 55 lbs. Price, \$9.00.



No. 5 B.M.

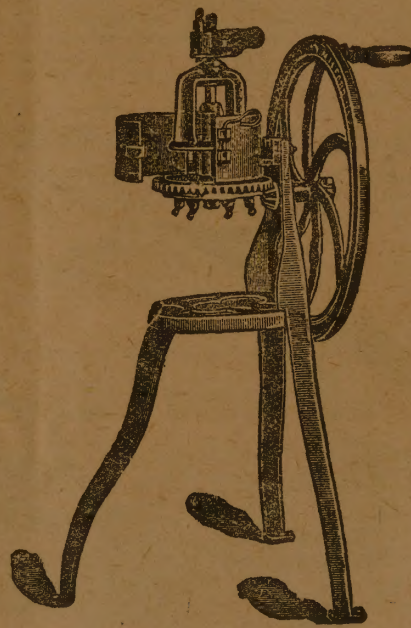
No. 5 C

This machine is exactly the same as the No. 5 B, with a crank handle instead of a balance wheel. Capacity not quite equal to 5B.

Weight, 30 lbs.
Price, \$7.00.

No. 7 1902 Model

Intended for flocks of 40 to 100 hens. Can be profitably used for 200 hens or more, but we recommend No. 9 for flocks of more than 100. Mounted on strong iron stand with large table for box or pan to receive cut bone. Patented 1902 Model automatic governing spring feed. Large open-hinged cylinder, giving instant access to all working parts. Six special knives. Gear guard, anti-clog device. Heavy balance wheel, with adjustable handle, besides all the best features of our old-style machines. Weight, 107 lbs. Capacity, $\frac{1}{2}$ to 1 lb per minute. Made in one size only. Price, \$14.00.



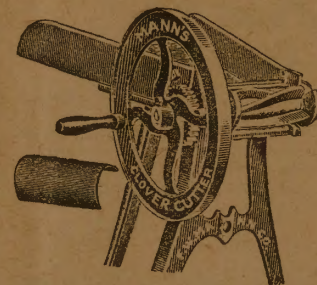
Mann's 1902 Model Bone Cutter No. 7

No. 9 Intended for flocks of 100 to 300 hens. The description of No. 7 will apply to this size also. The

difference consists of larger cylinder, greater holding capacity, different design and larger table. This machine can be altered into the No. 11 by adding the power parts, making a combination machine for both hand and power. Its economy is evident. Weight, 163 lbs. Capacity, $\frac{1}{2}$ to 1 $\frac{1}{2}$ lbs per minute. Price, \$21.00.

Parts to change No. 9 to No. 11, price \$8.

No. 11 Intended for large flocks when the machine must be run by hand a portion of the time. It is really a semi-power and semi-hand or combination machine, and as such has its place. The No. 11 is exactly the same as the No. 9 with the power parts added. It has all the late improvements, special feed, anti-clog, open cylinder, tight and loose pulleys, etc. Weight, 215 lbs. Capacity, 100 lbs per hour. Price, \$28.00.



Mann's Clover Cutter

ments, special feed, anti-clog, open cylinder, tight and loose pulleys, etc. Weight, 215 lbs. Capacity, 100 lbs per hour. Price, \$28.00.

No. 12. Power Machine	.....	\$34 00
No. 15. " "	.....	65 00
No. 11. " "	.....	80 00

Mann's Clover Cutter Made entirely of iron and steel.
with balance wheel and stand, \$11.00. Price with balance wheel, \$9.50;



Family Grist Mill No. 0

This mill is especially made for grinding Graham flour or corn meal for table use. It can also be adjusted for cracking the grain if desired. It is a valuable machine to have in the kitchen, as you can have fresh Graham or corn meal when wanted. The grinding surfaces are of very hard material, especially made for this purpose. Weighs 30 lbs. Price (without legs), \$5.00. Price (with legs), \$7.00.

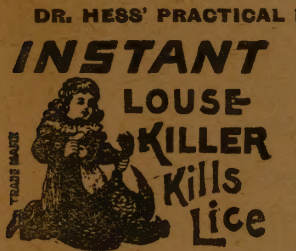


For Chickens, Turkeys Ducks, Geese and Pigeons

We guarantee our Poultry Pan-a-cea to cure Gapes, Cholera and Roup, after they are once established in the flock. It is an egg producer by its invigorating effect upon the organs, thereby enabling them to appropriate food, and aiding in the production of eggs.

For rapid, healthy growth of young fowl, for development of bone, muscle and feathers, for indigestion, diarrhoea, leg weakness, and kindred diseases, our Poultry Pan-a-cea is without an equal, and an excellent article to feed as a preventative of contagious diseases.

Price—For 24-oz package.....35c, by mail 60c.
5-lb85c, express only.



POINTS—A complete veterinary work for Farmers, Horsemen, Dairy-men, Poultry-men. Mailed free on application.

For Lice on Poultry, Horses and Cattle, also Ticks on Sheep

Put up in powder form. Very convenient and lasting. An excellent disinfectant and purifier for barns and outhouses.

Price—1-lb package 35c, by mail 50c.



PRATT'S POULTRY FOOD

Absolutely pure and free from poisons and all other injurious ingredients.

Package containing 8 oz 10c, postpaid 18c.
26 oz 30c, or 50c postpaid.
5-lb package 75c by express.
25-lb bag \$2.50 by express.

RUST'S EGG PRODUCER

Makes Hens Lay When Eggs are High Priced

Price—1 lb package 25c, by mail 40c; 2½ lb package 50c, by mail 90c, 6 lb box \$1.00, 10 lb box \$1.50, at purchaser's expense.

Haven's Condition Powders—Cure for Gapes and Poultry Cholera, and medicine for Horses, Cattle, Poultry, Sheep and Hogs. Liberal packages, weighing 14 oz 25c, postpaid 40c; 5 lb box (equal to 625c packages) \$1.00, by express or freight.

Haven's Roup Pills—Price per box of 48 pills, postpaid 25c. Box of 250 pills \$1.00.

Spratt's Patent Poultry Meal

The Cheapest and Best in the Market

As an egg producer this food has no equal. It carries the bird from egg to exhibition pen without a check and has probably more prize winners to its credit than all other foods combined.

Per 10 lb 75c, 25 lb \$1.75, 50 lb \$3.25, 100 lb \$6.00.



NEST EGGS—China 20c doz; Porcelain, unglazed, these are the best, 30c doz. If wanted by mail add 18c per doz for postage.

NEST EGGS—China 20c doz, 50c postpaid. Porcelain, unglazed, these are the best, 30c doz, 50c postpaid.

For Egg-o and Anti-Louse see page 92.



Sheridan's Condition Powder

It is absolutely pure and highly concentrated. Strictly a medicine, it should be given in the food in small doses once daily. Prevents and cures all diseases of hens. Very valuable when they are moulting, as it keeps them perfectly healthy. Price—Small pkt 25c, postpaid 35c; 2-lb pkg \$1.00, postpaid \$1.35.

Lambert's Death to Lice Remedies



"POWDER"—For body lice on Sitting Hens, Laying or Exhibition Poultry. This powder does not injure eggs or chickens, or soil the plumage in any way. It is also invaluable for lice on Horses, Cattle or Plants, Ticks on Sheep; Fleas and Lice on Dogs, Cats and Pets. Also a valuable disinfectant. 5 oz box 10c, postpaid 15c; 15 oz 25c, postpaid 40c; 48 oz 50c, 100 oz \$1.00.

"OINTMENT"—For Head Lice on Children or Chickens, Scaly Shanks on Fowls. 10c and 25c per box, postpaid.

"SPECIAL"—A powder for Moths in Carpets or Furs. Adapted also for mixing with the original powder when used for fleas, or it can be mixed with kerosene or white-wash and used as a liquid lice killer. 4 oz box 10c, 16 oz 25c, postpaid 40c.

"LIQUID"—A paint for Mites and Spider Lice in Hen Houses. Fleas and Lice in Dog Kennels and Stables. 1 qt 35c, 3 qts 60c, 4 qts \$1.00.

Lee's Liquid Lice Killer

For Poultry and Hogs

Saves labor, saves expense, saves time, and saves the fowls and hogs. Where freedom from vermin means hours spent in dusting, dipping or greasing, fowls and animals on the average farm and poultry ranch are seldom free from lice and mites. Put up in tins with full directions for use. Per qt tin 35c, postpaid 70c; ½ gal 65c, 1 gal \$1.00, 5 gal \$4.50.

CONKEY'S ROUP CURE

Guaranteed to give best results, for Roup or Canker, a good preventative and positive cure. Price 5-oz box 50c, postpaid 55c; large size \$1.00, postpaid \$1.10.

BOWKER'S ANIMAL MEAL

An egg producer. 5 lb pkgs 25c, 25 lb bag for \$1.15, 50 lb bag for \$2.15, 100 lb bag for \$4.00.

BLOOD MEAL

An egg producer. 5 lbs 25c, 25 lbs \$1.15, 100 lbs \$4.00.

HERBAGEUM

POULTRY SPICE—Is unsurpassed in general excellence, cheapness and efficiency for egg production in summer or winter. For the raising of turkey and all other chicks, and for the fattening of poultry. 2 lb pkg 25c.

CRUSHED OYSTER SHELLS

A most important article for the poultry yard through the winter, and should be liberally supplied to the fowls. In summer when left to run at large, they can find their own shell-making material, but in winter they must be helped out if eggs are wanted. Supplied in three grades, fine medium and coarse. 5 lbs 10c, 20 lbs 25c, 100 75c.

GRANULATED POULTRY BONE

5 lbs 20c, 10 lbs 25c, 100 lbs \$2.00, 200 lb bags \$3.75.

MICA CRYSTAL GRIT

To aid digestion it is necessary to feed some gritty material. Mica Crystal grit supplies this want better than any other article ever known. Supplied in three grades, fine, medium and coarse. 5 lbs 10c, 10 lbs 15c, 20 lbs 25c, 100 lbs 75c.

CLOVER MEAL

Far superior to cut clover from the fact that there is no waste and every particle is rendered digestible. 5 lbs 20c, 10 lbs 30c, 25 lbs 60c, 50 lbs \$1.00, 100 lbs \$2.00.

CUT CLOVER HAY

A rich valuable food. 5 lbs 20c, 10 lbs 30c, 25 lbs 60c, 50 lbs \$1.00, 100 lbs \$2.00.

\$1.30 Collection of Poultry Supplies for \$1.25

TO FILL THE EGG BASKET

5 lbs. Crushed Oyster Shells.....	\$0 10
5 lbs. Mica Crystal Grit.....	10
3 lbs. Spratt's Food for Poultry.....	25
3 lbs. Granulated Bone.....	15
3 lbs. Clover Meal.....	10
3 China Nest Eggs.....	10
1 lb. package Anti-Louse.....	25
1 28 oz Package Egg-o.....	25

Total.....\$1 30

POULTRY BOOKS

Egg Farm, new, revised and enlarged, H. H. Stoddard.....	\$1 00
Poultry Houses, Low Cost. Darrow.....	0 25
Poultry Keeper, Practical. L. Wright.....	2 00
Pigeon Keeper, Practical. L. Wright.....	1 50
Poultry Craft. J. H. Robinson.....	2 00
Poultry Culture. I. K. Fetch.....	1 50
Poultry Keeper, Profitable. Beal and Wild.....	1 25
Turkeys, How to Grow Them. Herbert Myrick.....	1 00

SHEPPARD'S ACME GALL CURE

With this ointment the afflicted parts can be healed without the loss of a single day's time. 3 oz box 25c, postpaid; 8 oz box 50c, postpaid.

BEE-KEEPER'S SUPPLIES

Have you Beeswax? We Buy it. Let us know your price. Cash or Supplies.



No. 1 B



No. 2 B



No. 3 C

DOVETAILED LANGSTROTH HIVES

No. 1—Hive including cover and bottom, body with 8 self-spacing frame and followers, complete, made up each..... \$1 75
 Lots of 5 in flat..... 5 25
 10..... 9 90
 No. 1 "B"—Hive, same as the above with the addition of one super for comb honey, with section holders and separators made up each..... 2 00
 Lots of 5 in flat..... 7 25
 10..... 13 50
 No. 2 "B"—same as No. 1 "B" with the addition of one extra comb honey super, with section holders and separators, made up each..... 2 50
 Lots of 5 in flat..... 9 25
 10..... 17 00
 No. 3 "C"—Hive same as No. 1, with the addition of one deep super and 8 self-spacing "Huffman" frames for extracted honey and two div. boards or followers, made up each..... 2 30
 Lots of 5 in flat..... 8 35
 10..... 15 70

HIVE PARTS

Hive Covers—Felt, with wood lining, made up, 35c; in lots of 5 in the flat, \$1.25.
Hive Bottoms—Each, made up, 25c; in lots of 5 in the flat, 90c.
Comb Honey Supers for dovetail hive, made up complete, 50c; in the flat, single, 45c; in the flat in lots of 5, \$2.00.
Section Holders for comb honey supers—Slotted, \$1.70 per 100; plain, \$1.50 per 100.
Wood Separators—Slotted, 90c per 100; plain, 60c per 100.
Self-Spacing Brood Frames, made up \$3.50 per 100; in the flat, in lots of 10 at 80c; in the flat, in lots of 100 at \$2.50.
Extracting Super for dovetail hives with frames and followers, each, made up, 85c; in the flat, 70c; in the flat, in lots of 5, \$3.10.

SECTION HONEY BOXES

We handle only first-class, polished on both sides, slotted on top and bottom. One piece or four pieces, state which you desire.
 Size 4 1/4 x 1 1/4 x 1 1/4, 1 1/2 x 7 to foot, 1 1/2. State size required, otherwise 100 250 500 1,000 3,000
 1 1/2 will be sent... 60c \$1.25 \$2.00 \$4.00 \$11.25
 Four piece sections 50c per 1,000 extra. One piece split top sections, 10c per 100, or 50c per 1,000 extra.



Patent Meat "Fibrine" Vegetable Dog Cakes (with Beetroot)—Per 100 lbs. \$7.00, 50 lbs \$3.50, 25 lbs \$1.75, 10 lbs 75c, 5 lbs 40c, 3 lbs 25c.

Patent Charcoal Dog Cakes—Per 100 lbs \$7.00.

Patent Greyhound Meat Fibrine Dog Cakes (with Beetroot)—Per 25 lbs \$1.90.

Oatmeal Plain Round Dog Cakes—Per 100 lbs \$6.00.

Plain Round Dog Cakes—Per 100 lbs \$5.00.

Puppy Cakes—3 lbs 30c, 5 lbs 50c, 25 lbs \$1.90.

Pet Dog Cakes—3 lbs 35c, 5 lbs 55c, 25 lbs \$2.

Patent Cod Liver Oil Dog Cakes—3 lbs 35c, 5 lbs 55c, 25 lb box \$2.00.

Orphan Puppy Food—Per tin 3 lbs \$1, 1 lb 50c
Pepsinated Puppy Meal—Sample tin 25c, 2 lbs 50c.

Plain Puppy Meal—5 lb bag 50c.

Puppy Bone Meal—Per tin, 2 lbs 25c.

Granulated Bone—100 lbs \$2.75, 50 lbs \$1.50.

Cardiac—A tonic powder. Sample 10c. per lb 25c, postpaid.

Patent Poultry Meal—Per 100 lbs \$6.00, 50 lbs \$3.25, 25 lbs \$1.75, 10 lbs 75c.

Patent Game Meal—Per 100 lbs \$6, 50 lbs \$3.25, 25 lbs \$1.75, 10 lbs 75c.

FEEDERS

The Miller—Designed to place inside of a super or in the upper storey on top of the brood frames. Each 35c, per 10 \$3.00, made up and walled.

Simplicity Feeder—6c each; 50c per 10.

Bee Veils—White net with black brussels face, 30c each.

COMB HONEY CRATES

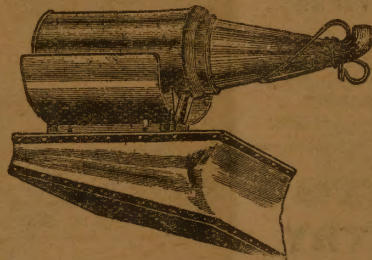
They are glassed on one side only.
 4 1/2 x 4 1/2, in flat..... per 10 25 100
 No. 12 three section fronts.. \$1.20 \$2 75 \$10.50
 18..... 1.40 3.25 12.00
 Glass included.

"THE KRETCHINER" SECTION FOLDER

Just the thing to put one piece sections together. Each 50c.

"THE PORTER" BEE ESCAPE

Put in a board, which is placed between the body of hive and super you wish to clear of bees. The bees can pass to the brood chamber but not return. Each 20c; doz \$2.25. With board 35c each; per 10, \$3.30.



BEE SMOKER

We offer the 'Goold,' one of the best smokers made, large and powerful, equal to any work. No. 1, 4 inch barrel, smoke barrel, with bent nozzle, price \$1.25. No. 2, 3 1/2 inch barrel, without bent nozzle, \$1.00. No. 3, 'The Little Daisy,' 2 1/2 inch barrel, 75c. Clark's Cold Blast, 60c.

BEES

We offer the Goold, Shapely & Muir Co. strain of Italian bees. They are in Langstroth hives. Bees to be delivered in May. Price per colony, \$8.00, including hive, comb, lid and bottom board. The greatest care is taken to insure the safe delivery of all colonies of bees, but customers will please note that after they leave the apiary they are entirely at purchaser's risk. Per colony, \$8.00.

QUEENS

Grade and quantity.	May	June	July	Aug.	Sept.
Untested Queens.....	1 25	1 00	1 06	1 00	1 00
Tested Queens.....	2 00	1 50	1 25	1 25	1 25
Select Tested Queens.....	2 50	2 00	2 00	2 00	2 00

COMB FOUNDATION

The wax is tempered as in nature, making it acceptable to bees, and of even thickness. Price, brood foundation, per lb 55c; section foundation, 65c per lb (Prices liable to change without notice.) If wanted by mail add 20c per lb for postage.

QUEEN AND DRONE TRAPS

The Alley—It is placed over the entrance of the hive, the queen being captured, and thus preventing a swarm from absconding. Each 50c, 10 for \$4.00.

QUEEN'S CAGES

Queen Cell Protectors, each 5c; 10 for 40c; 100 for \$3.50. Queen's Cages with feed cup, each 10c; 10 for 70c; 100 \$6.00.

PERFORATED METAL

This is used between the upper and lower storey to prevent the queen from passing up. Also used for drone guards and queen traps. Per square ft. 12c; per sheet (24 ft) \$2.40; per 100 square feet, \$9.00.

EXTRACTORS

Our extractors are made of the very best material, steel frames. Give size of frame in ordering.

No. 1—Two frame Langstroth machine, \$5.50.

New Goold—Can be made to fit any size frame, sometimes two sizes, but the size must be given when ordering—two Langstroth frames, \$7.00; four, \$8.00.

Goold Reversible—Two frame Langstroth, \$13.00; four frame, \$15.00.

Other sizes, prices on application.



HONEY KNIVES

Ebony handle and fine mirror finish. Each \$1.00.

RUBBER GLOVES

For handling bees. Ladies' half-long, sizes 6, 7, 8 and 9, per pair \$1.65. Gentlemen's half-long, sizes 10, 11 and 12, per pair, \$1.85. In ordering by number remember that if you wear No. 5 in kid you will need No. 7 in rubber.

BEE BOOKS

Langstroth on the Honey Bee—Price, \$1.25.

A. B. C. of Bee Culture—Price \$1.20.

Bee Keeping Explained—Quinby. Price \$1

Canadian Bee Journal—\$1.00 per annum

SPRATTS PATENT LIMITED

WE ARE AGENTS FOR ALL SPRATTS MANUFACTURES AND SUPPLIES

Carriage paid by Customers except where Noted.

SPRATTS DOG CAKES

Patent Meat "Fibrine" Vegetable Dog Cakes (with Beetroot)—Per 100 lbs. \$7.00, 50 lbs \$3.50, 25 lbs \$1.75, 10 lbs 75c, 5 lbs 40c, 3 lbs 25c.

Patent Charcoal Dog Cakes—Per 100 lbs \$7.00.

Patent Greyhound Meat Fibrine Dog Cakes (with Beetroot)—Per 25 lbs \$1.90.

Oatmeal Plain Round Dog Cakes—Per 100 lbs \$6.00.

Plain Round Dog Cakes—Per 100 lbs \$5.00.

Puppy Cakes—3 lbs 30c, 5 lbs 50c, 25 lbs \$1.90.

Pet Dog Cakes—3 lbs 35c, 5 lbs 55c, 25 lbs \$2.

Patent Cod Liver Oil Dog Cakes—3 lbs 35c, 5 lbs 55c, 25 lb box \$2.00.

Orphan Puppy Food—Per tin 3 lbs \$1, 1 lb 50c
Pepsinated Puppy Meal—Sample tin 25c, 2 lbs 50c.

Plain Puppy Meal—5 lb bag 50c.

Puppy Bone Meal—Per tin, 2 lbs 25c.

Granulated Bone—100 lbs \$2.75, 50 lbs \$1.50.

Cardiac—A tonic powder. Sample 10c. per lb 25c, postpaid.

Patent Poultry Meal—Per 100 lbs \$6.00, 50 lbs \$3.25, 25 lbs \$1.75, 10 lbs 75c.

Patent Game Meal—Per 100 lbs \$6, 50 lbs \$3.25, 25 lbs \$1.75, 10 lbs 75c.

SPRATTS DESCRIPTIVE CATALOGUE

Ground Beef XXX—Per 100 lbs \$3.50, 50 lbs \$1.60, 25 lbs 85c, 10 lbs 40c.
Granulated Prairie Meat, "Crissel"—Per 100 lbs \$4.50, 25 lbs \$1.25, 10 lbs 60c.
Pigeon Food—50 lbs \$3.25, 25 lbs \$1.75, 10 lbs 75c.
Fish Meal—Per 100 lbs \$5, 50 lbs \$2.75.
Imported Dog Brushes, Combs and Chains—Price on application.
Dog Soap—Per cake 20c.

SPRATTS DOG MEDICINES

All medicines in bottles. Bottles or tins free by mail
Alternative Cooling Tablets—Price 50c.
Anti-Rickets Tablets—Price 50c.
Cough Pills—Per box 50c.
Diarrhoea and Dysentery Cure—Price 50c.
Distemper Tablets—Price 75c.
Canker of the Ear Cure—Price 50c.
Eczema and Sarcopitic Mange Cure (Oily)—Per bottle 50c, 1/2 gallon \$2.
Eye Lotion Tablets—Price 50c.
Fit Cure Tablets—For Chorea or St. Vitus Dance. Price 50c.
Hair Stimulant and Restorer—Bottle 50c.
Insect Powder—Per tin 25c.
Jaundice Tablets—50c.
Laucurium—Price 50c.
Mange Cure—Bottle 50c, half gallon \$2.
Purgative Tablets—Per box 50c.
Rheumatism and Sprain Liniment—Per bottle 50c.

SPRATTS TONIC AND CONDITION TABLETS

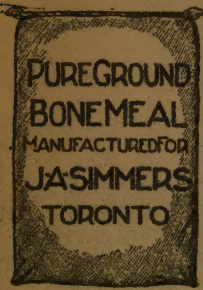
Tonic and Condition Tablets—Price 50c.
Vermifuge Capsules—Price 50c.
Puppy Vermifuge Capsules—Price 50c.
Disinfectant—Crude "Sanitas" Disinfecting Liquid. Per bottle 45c, half gallon \$1.40.

SPRATTS BOOKS

The Common Sense of Poultry Keeping—By Spratts Patent, 10c.
The Common Sense of Pheasant Rearing—By Spratts Patent, 10c.
The Common Sense of Dog Doctoring—By Spratts Patent, 25c.
Kennel Secrets—By Ashmont. (Illustrated.) \$3.00, postage 30c extra.
Modern Training, Handling and Kennel Management—By B. Waters. (Illustrated.) \$2.00, postage 20c extra.
My Dog and I (written specially for the novice)—By W. H. Huntingdon. \$1, postage 5c ex.
The American Book of the Dog—By G. O. Shields (Coquina). \$3.50, postage 40c extra.
The Book of the Dog (with portraits)—By Vero Shaw, \$3.00.
"Diomed"—By John S. Wise. (Illustrated) \$2
Pocket Kennel Records—50c each.
Pedigree Blanks—3 for 10c, doz 20c.
Vogel Fische und Haustihere—von Edw. S. Schmid. Washington, D.C. Price 27c.
The Cat—By R. S. Huidekoper. A guide to classification and a short treatise on their care, etc. Cloth, \$1.00.
Rackham's Poultry Directory—Price \$1 postpaid.

FERTILIZERS A NEW EDITION—Where to get Formulas for Various Crops, how to Apply. By J. J. H. Gregory. Paper, price 40c, postpaid.

Talks on Manure—By Joseph Harris, M.S., 366 pages, contains ample information on Manures and Fertilizers, their use, utility, effectiveness, etc. Price, bound in cloth, \$1.50, postpaid.



Potato Manure
Ammonia 3 to 4%. Phosphoric acid 8 to 10%. Potash 5 to 7%.
May be used in the hills or rows, mixing and covering with earth, provided it is scattered well. Use three sacks and upwards per acre on ordinary land. Price, per lb 10c, 10 lbs 50c, 100 lbs \$2.25, 200 lbs \$4.00, per ton \$84.50.

"SURE GROWTH"
For Grain, Grass, Grapes, Vegetables, etc.

Ammonia 3½ to 5%. Phosphoric Acid 8 to 10%. Potash 3 to 4%.
It is adapted to all soils, and not only yields immediate results, but is also lasting in its effects. It gives the growing crop a vigorous start, and will greatly increase the yield. Price, per lb 10c, 10 lbs 50c, 100 lbs \$2.25, 200 lb sack \$4.00, per ton \$82.50.

Bone and Potash

Ammonia, 2 to 3%; phosphoric acid, 9 to 10%; potash, 6 to 8%. Those who think they had rather have bone ought also to have it combined with potash, since potash is fully as essential as bone. Price, per lb 10c, 10 lbs 50c, 100 lbs \$2.25, 200 lbs \$4.00, per ton \$34.50.

Pure Bone Meal—Ammonia, 3 to 5%; Phosphoric acid, 23 to 25%. We guarantee our ground bone to be a strictly genuine article. It is made from clean, dry bones. We recommend it chiefly for grass and land feeding purposes. Per lb 10c, 5 lbs 30c, 10 lbs 50c, 25 lbs 75c, 100 lbs \$2.00, 200 lbs \$8.75, per ton \$32.50.

Bone Flour—Per lb 10c, 10 lbs 50c, 50 lbs \$2.00, 100 lbs \$8.50.

Harris' "Animal Manure" (H)—100 lbs \$1.50, ton \$25.00.

Harris' "Pure Bone Meal"—100 lbs \$1.50, ton \$25.00.

Celery and Early Vegetable Manure—Ammonia, 6 to 8%; Phosphoric Acid, 9 to 10%; Potash, 6 to 8%. Produces remarkable results, by dissolving a teaspoonful to a gallon of water, applying it twice a week (keep well stirred while applying). It can also be used on celery by mixing ½ to ¾ gypsum. Lb 10c, 10 lbs 50c, 100 lbs \$2.75, 200 lbs \$5.00, per ton \$40.50.

Farmers' Grass and Grain Manure—Ammonia 2 to 3%; Phosphoric Acid, 9 to 11%; Potash, 1 to 2%. This brand will be found to be an excellent fertilizer for pasture lands and top dressing, also for young orchards, small fruit. Lb 10c, 10 lbs 50c, 100 lbs \$1.50; 200 lb sack \$2.75, per ton \$25.00.

Alberta's Concentrated Horticultural Manure—Is soluble in water, and contains the correct proportions necessary to produce the very best results in growing flowers. Lb 15c, 10 lbs \$1.25, 100 lbs \$9.00.

Nitrate of Soda—This is valuable solely for the nitrogen it contains, equal to 20 per cent of Ammonia. It is chiefly a stimulant; it is used in addition to other fertilizers. It is very quick in action and hastens the maturity of crops fully two weeks, and besides renders the mineral plant food of the soil more assimilable. It is the best of all substitutes for stable manures, 100 to 150 lbs per acre, mixed with wood ashes or land plaster for convenience in applying, are generally used. Price, per lb 10c, 5 lbs 30c, 10 lbs 50c, 25 lbs \$1.00, 50 lbs \$1.75, 100 lbs \$3.25.

Alberts' Thomas Phosphate Powder—The most profitable of all artificial manures for green crops, grain or grass. Most valuable for orchards. Price per 100 lbs \$1.50, per ton \$25.00.

Guano, Standardized—A standard fertilizer throughout the entire country, and in almost universal use. A weak solution, applied once or twice a week, is very beneficial for house plants. Price, lb 10c; 100 lbs \$4.50.

Land Plaster or Gypsum—Per sack (200 lbs) \$1.00.

Land Salt—Per sack (200 lbs) \$1.00.

Tobacco Manure—Lb 10c, 10 lbs 50c, 50 lbs \$1.50, 100 lbs \$2.50, 200 lbs \$4.50, ton \$41.00.

Simmers' Lawn Enricher, for Lawns and Flower Beds—It is manufactured to meet the demand for a lawn dressing, all prepared, ready for immediate use, requiring no further mixing. It is in no sense a stimulant, but a complete manure, containing all the plant food required to make grass grow, and in a form quickly and easily taken up. It may be applied at any time during the spring, summer or autumn, or as often as the grass seems to need nourishment. 10 lbs is sufficient for 300 sq. feet. 5 lb pkg 50c, 10 lb pkg 75c, 25 lb pkg \$1.50.

Prepared Potting Soil—We can highly recommend our Prepared Fertilized Leaf Mould, and are confident you will be pleased with the results. It is put up in 100 and 200 lb sacks, and can be supplied at all seasons of the year. Per 25 lbs 35c, 50 lbs 55c, 100 lbs \$1.00.

Bowker's Food For Flowers



Soluble in Water, Free from Odor and Clean to Handle.
A fertilizer made expressly for plants grown in the house, garden or conservatory; clean, free from offensive odor, soluble in water, and producing healthy plants, free from vermin, with early and abundant blossoms, to which it imparts luxuriant growth and rich brilliant flowers.

Large Package, sufficient for 20 plants for one year. 35 cents (postpaid 45c). **Small Package**, sufficient for 20 plants for three months, 25 cents (postpaid). Price in bulk, 5 lbs 75c; 10 lbs \$1.25, by express.

Simmers' Concentrated Odorless Flower Food

This is one of the very best and most carefully prepared odorless Plant Foods on the market, being entirely soluble. It is very convenient to use in the house and conservatory. This plant food may be used in either dry or liquid form; the latter much the best, as no fertilizer acts until it becomes affected by moisture, and then there is not the danger of giving an overdose. Large pkg 25c, postpaid 45c; Small pkg 15c, postpaid 25c.



DAIRY SUPPLIES

The Little Detective—Will show in less than 2 minutes whether or not water has been added to pure milk. Sent to any address, postpaid \$1.00.

Parchment Paper—For packing and preserving butter:—1 lb butter, size 8 x 11, \$1.00 per 1,000 sheets; 100 sheets 15c. Postage, add 10c per 100 sheets extra. 2 lb butter, size 12x18, \$2.25 per 1,000 sheets, 100 sheets 25c; postage, 30c 100 sheets extra.

Printing—\$1.10 per 1,000 sheets extra, in quantities of not less than 1,000 sheets.



Price 60c

Thermometers—New Float—Will stand upright. The scale stands up out of the milk so that it can be easily read. Each 60c.

Ordinary Tubes—Price—each 40c.

MILKING TUBES—For Sor and Obstructed Teats and Hard Milking Cows—Coin Silver—Prices—Set of four tubes, 1¼ inch. \$2.00, each 50c; special lengths, 2¼ inches, each 65c; 3¼ inches, each 80c; 3½ inches, each 95c; 3¾ inches, each \$1.10; 4½ inches, each \$1.25. Larger tubes in proportion.

Plated Silver—From 2 to 3½ inches in length—25c each, postpaid.

Butter Mould and Printer—Has all the advantage of the higher priced moulds, and does the work equally as well. 1 lb size, pair 75c.

Improved Daisy Barrel Churn—It is made of the very best quality of white oak; has no iron to come in contact with the cream; has no dashes or breaks inside, and is the easiest churn to clean ever made. The inside is perfectly smooth.

With Steel Frames and Levers

No. 0—Seven Gallon Churn, for one cow	\$4 00
No. 1—Nine Gallon Churn, churns from 1 to 4 gallons	4 25
No. 2—Fifteen Gallon Churn, churns from 1 to 7 gallons	4 50
No. 3—Twenty Gallon Churn, churns from 1 to 9 gallons	5 00
15c less for wood frames with levers.	
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The "LITTLE GIANT PRUNING SHEAR"

Price \$2.00.

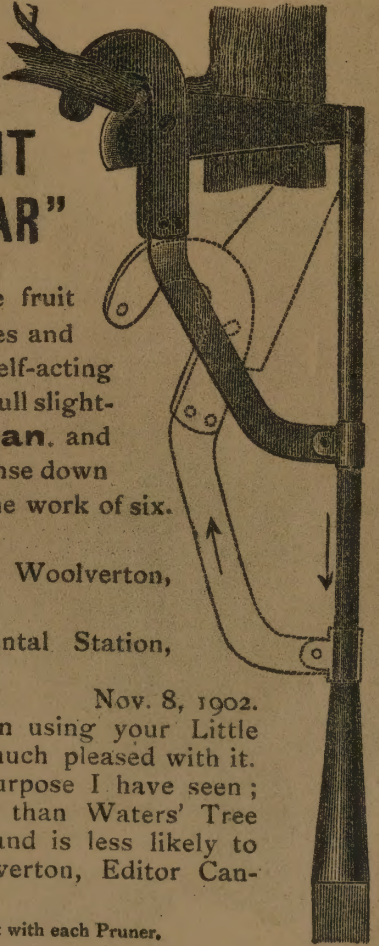
Is a new invention to prune fruit and shade trees, shrubs, vines and underbrush. The knife is a self-acting lever. Put the hook on and pull slightly. The **knife cuts clean**, and it cuts time, labor and expense down to zero. One man can do the work of six. **A tool, not a toy.**

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Dear Sir:—I have been using your Little Giant Pruner and am very much pleased with it. It is the best thing for the purpose I have seen; ever so much easier to work than Waters' Tree Pruner, makes cleaner cuts and is less likely to get out of order.—L. Woolverton, Editor Canadian Horticulturist."

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